

**Exempt Organization Declaration and Signature for
Electronic Filing**

For calendar year 2017, or tax year beginning _____, 2017, and ending _____, 20 _____

2017Department of the Treasury
Internal Revenue Service**For use with Forms 990, 990-EZ, 990-PF, 1120-POL, and 8868**

Name of exempt organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Type of Return and Return Information (Whole Dollars Only)

Check the box for the type of return being filed with Form 8453-EO and enter the applicable amount, if any, from the return. If you check the box on line 1a, 2a, 3a, 4a, or 5a below and the amount on that line of the return being filed with this form was blank, then leave line 1b, 2b, 3b, 4b, or 5b, whichever is applicable, blank (do not enter -0-). If you entered -0- on the return, then enter -0- on the applicable line below. **Do not** complete more than one line in Part I.

1a	Form 990 check here	<input checked="" type="checkbox"/>	b	Total revenue, if any (Form 990, Part VIII, column (A), line 12) . . .	1b	600,301,761
2a	Form 990-EZ check here	<input type="checkbox"/>	b	Total revenue, if any (Form 990-EZ, line 9)	2b	
3a	Form 1120-POL check here	<input type="checkbox"/>	b	Total tax (Form 1120-POL, line 22)	3b	
4a	Form 990-PF check here	<input type="checkbox"/>	b	Tax based on investment income (Form 990-PF, Part VI, line 5)	4b	
5a	Form 8868 check here	<input type="checkbox"/>	b	Balance due (Form 8868, line 3c)	5b	

Part II Declaration of Officer

- 6 ☐ I authorize the U.S. Treasury and its designated Financial Agent to initiate an Automated Clearing House (ACH) electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the organization's federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment.
- ☐ If a copy of this return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I certify that I executed the electronic disclosure consent contained within this return allowing disclosure by the IRS of this Form 990/990-EZ/990-PF (as specifically identified in Part I above) to the selected state agency(ies).

Under penalties of perjury, I declare that I am an officer of the above named organization and that I have examined a copy of the organization's 2017 electronic return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the organization's electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the organization's return to the IRS and to receive from the IRS (a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any delay in processing the return or refund, and (c) the date of any refund.

Sign
Here

Signature of officer

Date

TREASURER & CFO

Title

Part III Declaration of Electronic Return Originator (ERO) and Paid Preparer (see instructions)

I declare that I have reviewed the above organization's return and that the entries on Form 8453-EO are complete and correct to the best of my knowledge. If I am only a collector, I am not responsible for reviewing the return and only declare that this form accurately reflects the data on the return. The organization officer will have signed this form before I submit the return. I will give the officer a copy of all forms and information to be filed with the IRS, and have followed all other requirements in Pub. 4163, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns. If I am also the Paid Preparer, under penalties of perjury I declare that I have examined the above organization's return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. This Paid Preparer declaration is based on all information of which I have any knowledge.

**ERO's
Use
Only**ERO's
signatureFirm's name (or
yours if self-employed),
address, and ZIP code

Date

Check if
also paid
preparer ☐Check if
self-
employed ☐

ERO's SSN or PTIN

EIN

Phone no.

Under penalties of perjury, I declare that I have examined the above return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. Declaration of preparer is based on all information of which the preparer has any knowledge.

**Paid
Preparer
Use Only**

Print/Type preparer's name

RAYMOND LY

Preparer's signature

Date

11.8.2018

Check ☐ if

self-employed

PTIN

P01205643

Firm's name ▶ KPMG, LLP

Firm's EIN ▶ 13-5565207

Firm's address ▶ 1676 INTERNATIONAL DRIVE, MCLEAN, VA 22102

Phone no. 703-286-8000

For Privacy Act and Paperwork Reduction Act Notice, see back of form.

Form **8453-EO** (2017)

Form **990**Department of the Treasury
Internal Revenue Service**Return of Organization Exempt From Income Tax**

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017**Open to Public
Inspection**

A For the 2017 calendar year, or tax year beginning , 2017, and ending , 20																									
B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Final return/terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">C Name of organization AMERICAN CHEMICAL SOCIETY</td> <td>D Employer identification number 53-0196572</td> </tr> <tr> <td colspan="2">Doing business as</td> <td rowspan="3">E Telephone number (202) 872-6133</td> </tr> <tr> <td>Number and street (or P.O. box if mail is not delivered to street address)</td> <td>Room/suite</td> </tr> <tr> <td colspan="2">1155 SIXTEENTH STREET, N.W.</td> </tr> <tr> <td colspan="2">City or town, state or province, country, and ZIP or foreign postal code WASHINGTON, DC 20036-4892</td> <td rowspan="2">G Gross receipts \$ 3,087,564,518.</td> </tr> <tr> <td colspan="2">F Name and address of principal officer: THOMAS M. CONNELLY, JR. 1155 SIXTEENTH STREET, N.W. WASHINGTON, DC 20036-4892</td> </tr> <tr> <td colspan="2"> I Tax-exempt status: <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () ◀ (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527 </td> <td> H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list. (see instructions) </td> </tr> <tr> <td colspan="2">J Website: ▶ HTTPS://WWW.ACS.ORG</td> <td>H(c) Group exemption number ▶ 0945</td> </tr> <tr> <td colspan="2"> K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶ </td> <td>L Year of formation: 1938 M State of legal domicile:</td> </tr> </table>	C Name of organization AMERICAN CHEMICAL SOCIETY		D Employer identification number 53-0196572	Doing business as		E Telephone number (202) 872-6133	Number and street (or P.O. box if mail is not delivered to street address)	Room/suite	1155 SIXTEENTH STREET, N.W.		City or town, state or province, country, and ZIP or foreign postal code WASHINGTON, DC 20036-4892		G Gross receipts \$ 3,087,564,518.	F Name and address of principal officer: THOMAS M. CONNELLY, JR. 1155 SIXTEENTH STREET, N.W. WASHINGTON, DC 20036-4892		I Tax-exempt status: <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () ◀ (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list. (see instructions)	J Website: ▶ HTTPS://WWW.ACS.ORG		H(c) Group exemption number ▶ 0945	K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶		L Year of formation: 1938 M State of legal domicile:
C Name of organization AMERICAN CHEMICAL SOCIETY		D Employer identification number 53-0196572																							
Doing business as		E Telephone number (202) 872-6133																							
Number and street (or P.O. box if mail is not delivered to street address)	Room/suite																								
1155 SIXTEENTH STREET, N.W.																									
City or town, state or province, country, and ZIP or foreign postal code WASHINGTON, DC 20036-4892		G Gross receipts \$ 3,087,564,518.																							
F Name and address of principal officer: THOMAS M. CONNELLY, JR. 1155 SIXTEENTH STREET, N.W. WASHINGTON, DC 20036-4892																									
I Tax-exempt status: <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () ◀ (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list. (see instructions)																							
J Website: ▶ HTTPS://WWW.ACS.ORG		H(c) Group exemption number ▶ 0945																							
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other ▶		L Year of formation: 1938 M State of legal domicile:																							

Part I Summary

Activities & Governance	1 Briefly describe the organization's mission or most significant activities: THE ACS IS A FEDERALLY CHARTERED ORGANIZATION WHOSE MISSION IS TO ADVANCE THE BROADER CHEMISTRY ENTERPRISE AND ITS PRACTITIONERS FOR THE BENEFIT OF EARTH & ITS PEOPLE		
	2 Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.		
	3 Number of voting members of the governing body (Part VI, line 1a)	3	15.
	4 Number of independent voting members of the governing body (Part VI, line 1b)	4	15.
	5 Total number of individuals employed in calendar year 2017 (Part V, line 2a)	5	2,373.
	6 Total number of volunteers (estimate if necessary)	6	104,957.
	7a Total unrelated business revenue from Part VIII, column (C), line 12	7a	16,710,293.
b Net unrelated business taxable income from Form 990-T, line 34	7b	0.	
Revenue	8 Contributions and grants (Part VIII, line 1h)	Prior Year	Current Year
	9 Program service revenue (Part VIII, line 2g)	3,590,485.	4,697,411.
	10 Investment income (Part VIII, column (A), lines 3, 4, and 7d)	509,531,150.	528,983,622.
	11 Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	17,077,720.	63,753,884.
	12 Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	2,674,162.	2,866,844.
Expenses	13 Grants and similar amounts paid (Part IX, column (A), lines 1-3)	532,873,517.	600,301,761.
	14 Benefits paid to or for members (Part IX, column (A), line 4)	25,891,657.	23,335,670.
	15 Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	0.	0.
	16a Professional fundraising fees (Part IX, column (A), line 11e)	236,900,534.	242,667,122.
	b Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,433,577.	0.	0.
	17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	268,051,226.	282,083,065.
	18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	530,843,417.	548,085,857.
19 Revenue less expenses. Subtract line 18 from line 12	2,030,100.	52,215,904.	
Net Assets or Fund Balances	20 Total assets (Part X, line 16)	Beginning of Current Year	End of Year
	21 Total liabilities (Part X, line 26)	1,356,128,685.	1,455,887,899.
	22 Net assets or fund balances. Subtract line 21 from line 20.	478,021,985.	432,642,463.
		878,106,700.	1,023,245,436.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here	Signature of officer	Date			
	BRIAN A. BERNSTEIN Type or print name and title	11/08/2018 TREASURER & CFO			
Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	RAYMOND LY				P01205643
	Firm's name ▶ KPMG LLP	Firm's EIN ▶ 13-5565207			
	Firm's address ▶ 1676 INTERNATIONAL DRIVE MCLEAN, VA 22102	Phone no. 703-286-8000			

May the IRS discuss this return with the preparer shown above? (see instructions) ☒ Yes ☐ No

For Paperwork Reduction Act Notice, see the separate instructions.

Form **990** (2017)

Part III Statement of Program Service AccomplishmentsCheck if Schedule O contains a response or note to any line in this Part III ☐ Yes ☒ No**1** Briefly describe the organization's mission:

THE AMERICAN CHEMICAL SOCIETY IS A FEDERALLY CHARTERED ORGANIZATION
WHOSE MISSION IS TO ADVANCE THE BROADER CHEMISTRY ENTERPRISE AND ITS
PRACTITIONERS FOR THE BENEFIT OF EARTH AND ITS PEOPLE.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? ☐ Yes ☒ No

If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? ☐ Yes ☒ No

If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.**4a** (Code:) (Expenses \$ 401,221,360. including grants of \$) (Revenue \$ 501,735,578.)

ATTACHMENT 1

4b (Code:) (Expenses \$ 46,392,612. including grants of \$ 6,354,027.) (Revenue \$ 18,750,435.)

ATTACHMENT 2

4c (Code:) (Expenses \$ 24,816,098. including grants of \$ 16,981,643.) (Revenue \$)

ATTACHMENT 3

4d Other program services (Describe in Schedule O.)

(Expenses \$ 13,911,093. including grants of \$) (Revenue \$ 8,561,943.)

4e Total program service expenses ► 486,341,163.

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? If "Yes," complete Schedule A.	1 X	
2 Is the organization required to complete Schedule B, Schedule of Contributors (see instructions)?	2 X	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I.	3	X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II.	4 X	
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? If "Yes," complete Schedule C, Part III.	5	X
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I.	6	X
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II.	7	X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III.	8	X
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV.	9	X
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V.	10 X	
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI.	11a X	
b Did the organization report an amount for investments-other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII.	11b X	
c Did the organization report an amount for investments-program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VIII.	11c	X
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? If "Yes," complete Schedule D, Part IX.	11d	X
e Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X.	11e X	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? If "Yes," complete Schedule D, Part X.	11f X	
12a Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI and XII.	12a	X
b Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional.	12b X	
13 Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E.	13	X
14a Did the organization maintain an office, employees, or agents outside of the United States?	14a X	
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? If "Yes," complete Schedule F, Parts I and IV.	14b X	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? If "Yes," complete Schedule F, Parts II and IV.	15 X	
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? If "Yes," complete Schedule F, Parts III and IV.	16 X	
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? If "Yes," complete Schedule G, Part I (see instructions).	17	X
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II.	18	X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III.	19	X

Form **990** (2017)

Part IV Checklist of Required Schedules (continued)

	Yes	No
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H.</i>	20a	X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b	
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II.</i>	21	X
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III.</i>	22	X
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J.</i>	23	X
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a.</i>	24a	X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b	
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c	
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d	
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I.</i>	25a	X
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I.</i>	25b	X
26 Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II.</i>	26	X
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III.</i>	27	X
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):		
a A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV.</i>	28a	X
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV.</i>	28b	X
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV.</i>	28c	X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M.</i>	29	X
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M.</i>	30	X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I.</i>	31	X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II.</i>	32	X
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I.</i>	33	X
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1.</i>	34	X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	X
b If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2.</i>	35b	X
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2.</i>	36	X
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI.</i>	37	X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19? Note. All Form 990 filers are required to complete Schedule O.	38	X

Form **990** (2017)

Part V Statements Regarding Other IRS Filings and Tax ComplianceCheck if Schedule O contains a response or note to any line in this Part V ☒ X

		Yes	No
1a Enter the number reported in Box 3 of Form 1096. Enter -0- if not applicable.	1a 1,055		
b Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable.	1b 0.		
c Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	X	
2a Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return.	2a 2,373		
b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions).	2b	X	
3a Did the organization have unrelated business gross income of \$1,000 or more during the year?	3a	X	
b If "Yes," has it filed a Form 990-T for this year? If "No" to line 3b, provide an explanation in Schedule O.	3b	X	
4a At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a	X	
b If "Yes," enter the name of the foreign country: <u>UNITED KINGDOM</u> See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).			
5a Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a		X
b Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b		X
c If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c		
6a Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	6a		X
b If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b		
7 Organizations that may receive deductible contributions under section 170(c).			
a Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?	7a	X	
b If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b	X	
c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c		X
d If "Yes," indicate the number of Forms 8282 filed during the year	7d		
e Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e		X
f Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f		X
g If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g		
h If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h		
8 Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?	8		
9 Sponsoring organizations maintaining donor advised funds.			
a Did the sponsoring organization make any taxable distributions under section 4966?	9a		
b Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b		
10 Section 501(c)(7) organizations. Enter:			
a Initiation fees and capital contributions included on Part VIII, line 12	10a		
b Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities.	10b		
11 Section 501(c)(12) organizations. Enter:			
a Gross income from members or shareholders	11a		
b Gross income from other sources (Do not net amounts due or paid to other sources against amounts due or received from them.)	11b		
12a Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a		
b If "Yes," enter the amount of tax-exempt interest received or accrued during the year.	12b		
13 Section 501(c)(29) qualified nonprofit health insurance issuers.			
a Is the organization licensed to issue qualified health plans in more than one state? Note. See the instructions for additional information the organization must report on Schedule O.	13a		
b Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	13b		
c Enter the amount of reserves on hand	13c		
14a Did the organization receive any payments for indoor tanning services during the tax year?	14a		X
b If "Yes," has it filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O	14b		

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI ☒ **X**

Section A. Governing Body and Management

	Yes	No
1a Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain in Schedule O. 1a 15		
b Enter the number of voting members included in line 1a, above, who are independent 1b 15		
2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	<input checked="" type="checkbox"/> X	
3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person? . .		<input checked="" type="checkbox"/> X
4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?		<input checked="" type="checkbox"/> X
5 Did the organization become aware during the year of a significant diversion of the organization's assets?		<input checked="" type="checkbox"/> X
6 Did the organization have members or stockholders?	<input checked="" type="checkbox"/> X	
7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	<input checked="" type="checkbox"/> X	
b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?		<input checked="" type="checkbox"/> X
8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:		
a The governing body?	<input checked="" type="checkbox"/> X	
b Each committee with authority to act on behalf of the governing body?	<input checked="" type="checkbox"/> X	
9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O		<input checked="" type="checkbox"/> X

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

	Yes	No
10a Did the organization have local chapters, branches, or affiliates?	<input checked="" type="checkbox"/> X	
b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes? . .	<input checked="" type="checkbox"/> X	
11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? .	<input checked="" type="checkbox"/> X	
b Describe in Schedule O the process, if any, used by the organization to review this Form 990.		
12a Did the organization have a written conflict of interest policy? If "No," go to line 13	<input checked="" type="checkbox"/> X	
b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	<input checked="" type="checkbox"/> X	
c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done	<input checked="" type="checkbox"/> X	
13 Did the organization have a written whistleblower policy?	<input checked="" type="checkbox"/> X	
14 Did the organization have a written document retention and destruction policy?	<input checked="" type="checkbox"/> X	
15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?		
a The organization's CEO, Executive Director, or top management official	<input checked="" type="checkbox"/> X	
b Other officers or key employees of the organization	<input checked="" type="checkbox"/> X	
If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).		
16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?		<input checked="" type="checkbox"/> X
b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?		

Section C. Disclosure

- 17** List the states with which a copy of this Form 990 is required to be filed ► **ATTACHMENT 4**
- 18** Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
☒ Own website ☐ Another's website ☒ Upon request ☐ Other (explain in Schedule O)
- 19** Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
- 20** State the name, address, and telephone number of the person who possesses the organization's books and records: ►

BRIAN A. BERNSTEIN, ACS, 1155 SIXTEENTH STREET, N.W. WASHINGTON, DC 20036 202-872-6133

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent ContractorsCheck if Schedule O contains a response or note to any line in this Part VII. X**Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees****1a** Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

☐ Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) DR. PAT N. CONFALONE CHAIR & DIRECTOR, DIST III	20.00 0.	X		X				0.	0.	0.
(2) DR. LAURA E. PENCE DIRECTOR, DISTRICT I	10.00 0.	X						0.	0.	0.
(3) DR. CHRISTINA C. BODUROW DIRECTOR, DISTRICT II	10.00 0.	X						0.	0.	0.
(4) DR. RIGOBERTO HERNANDEZ DIRECTOR, DISTRICT IV	10.00 0.	X						0.	0.	0.
(5) DR. JOHN E. ADAMS DIRECTOR, DISTRICT V	10.00 0.	X						0.	0.	0.
(6) DR. PAUL W. JAGODZINSKI DIRECTOR, DISTRICT VI	10.00 0.	X						0.	0.	0.
(7) DR. WILLIAM F. CARROLL, JR. DIRECTOR-AT-LARGE	10.00 0.	X						970.	0.	0.
(8) DR. LEE H. LATIMER DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
(9) DR. INGRID MONTES DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
(10) DR. DOROTHY J. PHILLIPS DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
(11) DR. BARBARA A. SAWREY DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
(12) DR. KATHLEEN M. SCHULZ DIRECTOR-AT-LARGE	10.00 0.	X						0.	0.	0.
(13) DR. ALLISON A. CAMPBELL PRESIDENT	20.00 0.	X		X				0.	0.	0.
(14) DR. PETER K. DORHOUT PRESIDENT-ELECT	10.00 0.	X		X				0.	0.	0.

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(15) DR. DONNA J. NELSON ----- IMMEDIATE PAST PRESIDENT	10.00 ----- 0.	X		X				0.	0.	0.
(16) DR. THOMAS M. CONNELLY, JR. ----- EXECUTIVE DIRECTOR & CEO	40.00 ----- .50	X		X				991,787.	0.	54,614.
(17) MR. FLINT H. LEWIS ----- SECRETARY & GENERAL COUNSEL	40.00 ----- 1.40			X				458,062.	0.	54,417.
(18) MR. BRIAN A. BERNSTEIN ----- TREASURER & CFO	40.00 ----- .70			X				547,424.	0.	53,961.
(19) MR. MANUEL GUZMAN ----- PRESIDENT, CAS	40.00 ----- 2.00				X			1,047,876.	0.	53,414.
(20) DR. BRIAN D. CRAWFORD ----- PRESIDENT, PUBLICATIONS	40.00 ----- 0.				X			777,540.	0.	48,645.
(21) MR. JOHN R. SULLIVAN ----- CHIEF INFORMATION OFFICER	40.00 ----- 0.				X			481,257.	0.	56,788.
(22) DR. MATTHEW J. TOUSSANT ----- SVP, PRODUCT & CONTENT OPS, CAS	40.00 ----- 1.00					X		630,877.	0.	44,773.
(23) DR. MICHAEL DENNIS ----- VP, LEGAL ADM, PMO & INNVTN, CAS	40.00 ----- 1.00					X		452,932.	0.	52,628.
(24) MR. CRAIG STEPHENS ----- VP, SALES, CAS	40.00 ----- 3.00					X		401,991.	0.	55,247.
(25) MR. BRANDON NORDIN ----- SVP, SALES MTKG DGT STGY, PUBS	40.00 ----- 2.00					X		389,628.	0.	45,010.
1b Sub-total								970.	0.	0.
c Total from continuation sheets to Part VII, Section A								6,561,510.	0.	554,887.
d Total (add lines 1b and 1c)								6,562,480.	0.	554,887.

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **724**

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	X	
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
ATTACHMENT 5		

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization **168**

Part VII	Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees <i>(continued)</i>
-----------------	--

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(26) MS. CHRISTINE MCCUE VP, MARKETING, CAS	40.00 1.50					X		382,136.	0.	35,390.
1b Sub-total										
c Total from continuation sheets to Part VII, Section A										
d Total (add lines 1b and 1c)										

2	Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization	724
---	---	-----

		Yes	No
3	Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		X
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	X	
5	Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization ►		

Part VIII Statement of RevenueCheck if Schedule O contains a response or note to any line in this Part VIII. ☐

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512-514	
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns	1a					
	b	Membership dues	1b					
	c	Fundraising events	1c					
	d	Related organizations	1d					
	e	Government grants (contributions) . .	1e	451,705.				
	f	All other contributions, gifts, grants, and similar amounts not included above .	1f	4,245,706.				
	g	Noncash contributions included in lines 1a-1f: \$		34,091.				
	h	Total. Add lines 1a-1f		4,697,411.				
	Program Service Revenue	2a	INFORMATION SERVICES	Business Code	541800	501,735,578.	493,564,965.	8,136,396.
b		EDUCATION & MEMBERSHIP		541800	18,750,435.	5,999,335.	76,288.	12,674,812.
c		MEMBER INSURANCE PROGRAM		525920	8,497,609.		8,497,609.	
d								
e								
f		All other program service revenue						
g		Total. Add lines 2a-2f		528,983,622.				
Other Revenue		3	Investment income (including dividends, interest, and other similar amounts).			21,111,804.		
	4	Income from investment of tax-exempt bond proceeds .			0.			
	5	Royalties			2,802,510.			2,802,510.
			(i) Real	(ii) Personal				
	6a	Gross rents		26,980.				
	b	Less: rental expenses		15,904.				
	c	Rental income or (loss)		11,076.				
	d	Net rental income or (loss)			11,076.			
	7a	Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
					2,529,888,933.			
	b	Less: cost or other basis and sales expenses			2,487,246,853.			
	c	Gain or (loss)			42,642,080.			
	d	Net gain or (loss)			42,642,080.			42,642,080.
	8a	Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	a					
	b	Less: direct expenses	b					
	c	Net income or (loss) from fundraising events.			0.			
	9a	Gross income from gaming activities. See Part IV, line 19	a					
b	Less: direct expenses	b						
c	Net income or (loss) from gaming activities.			0.				
10a	Gross sales of inventory, less returns and allowances	a						
b	Less: cost of goods sold	b						
c	Net income or (loss) from sales of inventory.			0.				
Miscellaneous Revenue				Business Code				
11a	MISCELLANEOUS REVENUE		900099	53,258.	53,258.			
b								
c								
d	All other revenue							
e	Total. Add lines 11a-11d			53,258.				
12	Total revenue. See instructions.			600,301,761.	499,628,634.	16,710,293.	79,265,423.	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX ☒ X**Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.**

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	21,453,617.	21,453,617.		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	897,050.	897,050.		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	985,003.	985,003.		
4 Benefits paid to or for members	0.			
5 Compensation of current officers, directors, trustees, and key employees	4,626,755.	1,928,445.	2,698,310.	
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0.			
7 Other salaries and wages	181,454,959.	157,559,793.	23,089,538.	805,628.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	17,284,184.	13,107,414.	4,150,855.	25,915.
9 Other employee benefits	26,879,486.	26,396,163.	335,999.	147,324.
10 Payroll taxes	12,421,738.	10,751,488.	1,613,514.	56,736.
11 Fees for services (non-employees):				
a Management	0.			
b Legal	1,635,401.	681,770.	941,696.	11,935.
c Accounting	696,183.	41,000.	655,183.	
d Lobbying	0.			
e Professional fundraising services. See Part IV, line 17.	0.			
f Investment management fees	1,417,886.	1,416,069.		1,817.
g Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O.) ATCH 6	122,551,624.	116,914,408.	5,581,952.	55,264.
12 Advertising and promotion	12,250,014.	12,108,568.	140,725.	721.
13 Office expenses	5,890,206.	4,834,908.	945,174.	110,124.
14 Information technology	35,267,763.	28,429,820.	6,828,989.	8,954.
15 Royalties	3,896,504.	3,896,504.		
16 Occupancy	10,978,058.	8,211,714.	2,760,954.	5,390.
17 Travel	14,723,530.	11,264,575.	3,361,299.	97,656.
18 Payments of travel or entertainment expenses for any federal, state, or local public officials	0.			
19 Conferences, conventions, and meetings	8,969,471.	8,365,128.	600,031.	4,312.
20 Interest	0.			
21 Payments to affiliates	0.			
22 Depreciation, depletion, and amortization	29,869,366.	23,011,005.	6,858,361.	
23 Insurance	358,768.	288,140.	70,628.	
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a PREMIUM	11,524,543.	11,524,543.		
b LIBRARY	7,981,374.	7,228,833.	752,377.	164.
c PUBLICATION AND DISTRIBUTION	3,567,425.	3,565,311.	2,114.	
d EMPLOYEE TRAIN, DEV, RECRUIT	2,306,746.	1,337,896.	962,624.	6,226.
e All other expenses	8,198,203.	10,141,998.	-2,039,206.	95,411.
25 Total functional expenses. Add lines 1 through 24e	548,085,857.	486,341,163.	60,311,117.	1,433,577.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)	0.			

Part X Balance SheetCheck if Schedule O contains a response or note to any line in this Part X. ☐

		(A) Beginning of year		(B) End of year
Assets	1 Cash - non-interest-bearing	49,449,076.	1	56,557,577.
	2 Savings and temporary cash investments	34,019,084.	2	31,791,604.
	3 Pledges and grants receivable, net	2,438,839.	3	2,177,740.
	4 Accounts receivable, net	140,861,546.	4	113,649,700.
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L	0.	5	0.
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instructions). Complete Part II of Schedule L	0.	6	0.
	7 Notes and loans receivable, net	0.	7	0.
	8 Inventories for sale or use	274,872.	8	222,095.
	9 Prepaid expenses and deferred charges	19,055,038.	9	12,324,433.
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 354,209,598.		
	b Less: accumulated depreciation	10b 230,709,923.		
	11 Investments - publicly traded securities	117,174,015.	10c	123,499,675.
	12 Investments - other securities. See Part IV, line 11	844,097,675.	11	993,119,441.
	13 Investments - program-related. See Part IV, line 11	148,436,758.	12	112,043,094.
	14 Intangible assets	0.	13	0.
	15 Other assets. See Part IV, line 11	0.	14	0.
16 Total assets. Add lines 1 through 15 (must equal line 34)	321,782.	15	10,502,540.	
17 Accounts payable and accrued expenses	1,356,128,685.	16	1,455,887,899.	
18 Grants payable	67,738,056.	17	70,269,993.	
19 Deferred revenue	19,355,230.	18	17,507,044.	
20 Tax-exempt bond liabilities	219,022,739.	19	200,234,870.	
21 Escrow or custodial account liability. Complete Part IV of Schedule D	0.	20	0.	
22 Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L	0.	21	0.	
23 Secured mortgages and notes payable to unrelated third parties	0.	22	0.	
24 Unsecured notes and loans payable to unrelated third parties	0.	23	0.	
25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D	171,905,960.	24	0.	
26 Total liabilities. Add lines 17 through 25	478,021,985.	25	144,630,556.	
27 Unrestricted net assets	247,798,158.	26	432,642,463.	
28 Temporarily restricted net assets	490,714,544.	27	325,574,194.	
29 Permanently restricted net assets	139,593,998.	28	555,059,429.	
30 Capital stock or trust principal, or current funds		29	142,611,813.	
31 Paid-in or capital surplus, or land, building, or equipment fund		30		
32 Retained earnings, endowment, accumulated income, or other funds		31		
33 Total net assets or fund balances	878,106,700.	32		
34 Total liabilities and net assets/fund balances	1,356,128,685.	33	1,023,245,436.	

Form **990** (2017)

Part XI Reconciliation of Net AssetsCheck if Schedule O contains a response or note to any line in this Part XI. ☒ X

1	Total revenue (must equal Part VIII, column (A), line 12)	1	600,301,761.
2	Total expenses (must equal Part IX, column (A), line 25)	2	548,085,857.
3	Revenue less expenses. Subtract line 2 from line 1	3	52,215,904.
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	878,106,700.
5	Net unrealized gains (losses) on investments	5	78,523,132.
6	Donated services and use of facilities	6	0.
7	Investment expenses	7	0.
8	Prior period adjustments	8	0.
9	Other changes in net assets or fund balances (explain in Schedule O)	9	14,399,700.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	1,023,245,436.

Part XII Financial Statements and ReportingCheck if Schedule O contains a response or note to any line in this Part XII. ☐

	Yes	No
1 Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.		
2a Were the organization's financial statements compiled or reviewed by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		X
b Were the organization's financial statements audited by an independent accountant? If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input checked="" type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	X	
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.	X	
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		X
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.		

Form **990** (2017)

SCHEDULE A
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 ☐ A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i)**.
- 2 ☐ A school described in **section 170(b)(1)(A)(ii)**. (Attach Schedule E (Form 990 or 990-EZ).)
- 3 ☐ A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii)**.
- 4 ☐ A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii)**. Enter the hospital's name, city, and state: _____
- 5 ☐ An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv)**. (Complete Part II.)
- 6 ☐ A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v)**.
- 7 ☐ An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 8 ☐ A community trust described in **section 170(b)(1)(A)(vi)**. (Complete Part II.)
- 9 ☐ An agricultural research organization described in **section 170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture (see instructions). Enter the name, city, and state of the college or university: _____
- 10 ☒ An organization that normally receives: (1) more than 33 1/3 % of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions - subject to certain exceptions, and (2) no more than 33 1/3 % of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2)**. (Complete Part III.)
- 11 ☐ An organization organized and operated exclusively to test for public safety. See **section 509(a)(4)**.
- 12 ☐ An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3)**. Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.
- a ☐ **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
- b ☐ **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
- c ☐ **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
- d ☐ **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
- e ☐ Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.

f Enter the number of supported organizations.

g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1-10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
(A)						
(B)						
(C)						
(D)						
(E)						
Total						

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

Schedule A (Form 990 or 990-EZ) 2017

JSA
7E1210 1.000

0006FE F48R 11/8/2018 9:03:11 AM V 17-7.2F

PAGE 14

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)
 (Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3.						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f).						
6 Public support. Subtract line 5 from line 4						

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
7 Amounts from line 4.						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						
12 Gross receipts from related activities, etc. (see instructions)					12	
13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2017 (line 6, column (f) divided by line 11, column (f)).	14	%
15 Public support percentage from 2016 Schedule A, Part II, line 14	15	%
16a 33 1/3% support test - 2017. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here . The organization qualifies as a publicly supported organization. <input type="checkbox"/>		
b 33 1/3% support test - 2016. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here . The organization qualifies as a publicly supported organization <input type="checkbox"/>		
17a 10%-facts-and-circumstances test - 2017. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here . Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization. <input type="checkbox"/>		
b 10%-facts-and-circumstances test - 2016. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here . Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization <input type="checkbox"/>		
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions <input type="checkbox"/>		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II.
If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	4,197,985.	4,351,829.	5,940,876.	3,590,485.	4,697,411.	22,778,586.
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose	461,959,907.	467,818,907.	475,742,273.	488,139,832.	512,273,329.	2,405,934,248.
3 Gross receipts from activities that are not an unrelated trade or business under section 513						0.
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						0.
5 The value of services or facilities furnished by a governmental unit to the organization without charge						0.
6 Total. Add lines 1 through 5.	466,157,892.	472,170,736.	481,683,149.	491,730,317.	516,970,740.	2,428,712,834.
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						0.
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						0.
c Add lines 7a and 7b.						0.
8 Public support. (Subtract line 7c from line 6.)						2,428,712,834.

Section B. Total Support

Calendar year (or fiscal year beginning in) ►	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
9 Amounts from line 6.	466,157,892.	472,170,736.	481,683,149.	491,730,317.	516,970,740.	2,428,712,834.
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources.	20,090,264.	24,575,077.	25,417,557.	22,555,034.	23,941,294.	116,579,226.
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						0.
c Add lines 10a and 10b	20,090,264.	24,575,077.	25,417,557.	22,555,034.	23,941,294.	116,579,226.
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on.	308,955.	0.	0.	0.	0.	308,955.
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)	32,921.	16,016.	18,216.	11,134.	53,258.	131,545.
13 Total support. (Add lines 9, 10c, 11, and 12.)	486,590,032.	496,761,829.	507,118,922.	514,296,485.	540,965,292.	2,545,732,560.
14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2017 (line 8, column (f) divided by line 13, column (f)).	15	95.40 %
16 Public support percentage from 2016 Schedule A, Part III, line 15.	16	95.34 %

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2017 (line 10c, column (f) divided by line 13, column (f))	17	4.58 %
18 Investment income percentage from 2016 Schedule A, Part III, line 17	18	4.64 %

19a 33 1/3% support tests - 2017. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization. ☒

b 33 1/3% support tests - 2016. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization. ☐

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ☐

Part IV Supporting Organizations

(Complete only if you checked a box in line 12 on Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer (b) and (c) below.</i>		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.</i>		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? <i>If "Yes," provide detail in Part VI.</i>		
b Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
c Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

Part IV Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
b A family member of a person described in (a) above?		
c A 35% controlled entity of a person described in (a) or (b) above? If "Yes" to a, b, or c, provide detail in Part VI .		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).		
3 By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.		

Section E. Type III Functionally Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions).			
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.			
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.			
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).			
2 Activities Test. Answer (a) and (b) below.			
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.			
b Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.			
3 Parent of Supported Organizations. Answer (a) and (b) below.			
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? Provide details in Part VI .			
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.			

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

- 1** ☐ Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in Part VI). **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1		
2 Recoveries of prior-year distributions	2		
3 Other gross income (see instructions)	3		
4 Add lines 1 through 3.	4		
5 Depreciation and depletion	5		
6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6		
7 Other expenses (see instructions)	7		
8 Adjusted Net Income (subtract lines 5, 6, and 7 from line 4).	8		
Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):			
a Average monthly value of securities	1a		
b Average monthly cash balances	1b		
c Fair market value of other non-exempt-use assets	1c		
d Total (add lines 1a, 1b, and 1c)	1d		
e Discount claimed for blockage or other factors (explain in detail in Part VI):			
2 Acquisition indebtedness applicable to non-exempt-use assets	2		
3 Subtract line 2 from line 1d.	3		
4 Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions).	4		
5 Net value of non-exempt-use assets (subtract line 4 from line 3)	5		
6 Multiply line 5 by .035.	6		
7 Recoveries of prior-year distributions	7		
8 Minimum Asset Amount (add line 7 to line 6)	8		
Section C - Distributable Amount			Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1		
2 Enter 85% of line 1.	2		
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3		
4 Enter greater of line 2 or line 3.	4		
5 Income tax imposed in prior year	5		
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions).	6		
7 <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).			

Schedule A (Form 990 or 990-EZ) 2017

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions		Current Year	
1	Amounts paid to supported organizations to accomplish exempt purposes		
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity		
3	Administrative expenses paid to accomplish exempt purposes of supported organizations		
4	Amounts paid to acquire exempt-use assets		
5	Qualified set-aside amounts (prior IRS approval required)		
6	Other distributions (describe in Part VI). See instructions.		
7	Total annual distributions. Add lines 1 through 6.		
8	Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions.		
9	Distributable amount for 2017 from Section C, line 6		
10	Line 8 amount divided by Line 9 amount		

Section E - Distribution Allocations (see instructions)		(i) Excess Distributions	(ii) Underdistributions Pre-2017	(iii) Distributable Amount for 2017
1	Distributable amount for 2017 from Section C, line 6			
2	Underdistributions, if any, for years prior to 2017 (reasonable cause required-explain in Part VI). See instructions.			
3	Excess distributions carryover, if any, to 2017			
a				
b	From 2013			
c	From 2014			
d	From 2015			
e	From 2016			
f	Total of lines 3a through e			
g	Applied to underdistributions of prior years			
h	Applied to 2017 distributable amount			
i	Carryover from 2012 not applied (see instructions)			
j	Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4	Distributions for 2017 from Section D, line 7: \$			
a	Applied to underdistributions of prior years			
b	Applied to 2017 distributable amount			
c	Remainder. Subtract lines 4a and 4b from 4.			
5	Remaining underdistributions for years prior to 2017, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, explain in Part VI . See instructions.			
6	Remaining underdistributions for 2017. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI . See instructions.			
7	Excess distributions carryover to 2018. Add lines 3j and 4c.			
8	Breakdown of line 7:			
a	Excess from 2013			
b	Excess from 2014			
c	Excess from 2015			
d	Excess from 2016			
e	Excess from 2017			

Schedule A (Form 990 or 990-EZ) 2017

Part VI **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V, Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions.)

PART III, LINE 12 - OTHER INCOME:

OTHER INCOME WERE PRIMARILY FROM THE SALES OF PRINTED MATERIALS.

SCHEDULE C
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Political Campaign and Lobbying Activities

For Organizations Exempt From Income Tax Under section 501(c) and section 527

- ▶ **Complete if the organization is described below.** ▶ **Attach to Form 990 or Form 990-EZ.**
▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

OMB No. 1545-0047

2017

Open to Public Inspection

If the organization answered "Yes," on Form 990, Part IV, line 3, or Form 990-EZ, Part V, line 46 (Political Campaign Activities), then

- Section 501(c)(3) organizations: Complete Parts I-A and B. Do not complete Part I-C.
- Section 501(c) (other than section 501(c)(3)) organizations: Complete Parts I-A and C below. Do not complete Part I-B.
- Section 527 organizations: Complete Part I-A only.

If the organization answered "Yes," on Form 990, Part IV, line 4, or Form 990-EZ, Part VI, line 47 (Lobbying Activities), then

- Section 501(c)(3) organizations that have filed Form 5768 (election under section 501(h)): Complete Part II-A. Do not complete Part II-B.
- Section 501(c)(3) organizations that have NOT filed Form 5768 (election under section 501(h)): Complete Part II-B. Do not complete Part II-A.

If the organization answered "Yes," on Form 990, Part IV, line 5 (Proxy Tax) (see separate instructions) or Form 990-EZ, Part V, line 35c (Proxy Tax) (see separate instructions), then

- Section 501(c)(4), (5), or (6) organizations: Complete Part III.

Name of organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
--	---

Part I-A Complete if the organization is exempt under section 501(c) or is a section 527 organization.

- 1 Provide a description of the organization's direct and indirect political campaign activities in Part IV. (see instructions for definition of "political campaign activities")
- 2 Political campaign activity expenditures (see instructions) ▶ \$
- 3 Volunteer hours for political campaign activities (see instructions)

Part I-B Complete if the organization is exempt under section 501(c)(3).

- 1 Enter the amount of any excise tax incurred by the organization under section 4955. ▶ \$
- 2 Enter the amount of any excise tax incurred by organization managers under section 4955 ▶ \$
- 3 If the organization incurred a section 4955 tax, did it file Form 4720 for this year? ☐ Yes ☐ No
- 4a Was a correction made? ☐ Yes ☐ No
- b If "Yes," describe in Part IV.

Part I-C Complete if the organization is exempt under section 501(c), except section 501(c)(3).

- 1 Enter the amount directly expended by the filing organization for section 527 exempt function activities. ▶ \$
- 2 Enter the amount of the filing organization's funds contributed to other organizations for section 527 exempt function activities. ▶ \$
- 3 Total exempt function expenditures. Add lines 1 and 2. Enter here and on Form 1120-POL, line 17b ▶ \$
- 4 Did the filing organization file **Form 1120-POL** for this year? ☐ Yes ☐ No
- 5 Enter the names, addresses and employer identification number (EIN) of all section 527 political organizations to which the filing organization made payments. For each organization listed, enter the amount paid from the filing organization's funds. Also enter the amount of political contributions received that were promptly and directly delivered to a separate political organization, such as a separate segregated fund or a political action committee (PAC). If additional space is needed, provide information in Part IV.

(a) Name	(b) Address	(c) EIN	(d) Amount paid from filing organization's funds. If none, enter -0-.	(e) Amount of political contributions received and promptly and directly delivered to a separate political organization. If none, enter -0-.
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ.

Schedule C (Form 990 or 990-EZ) 2017

Part II-A Complete if the organization is exempt under section 501(c)(3) and filed Form 5768 (election under section 501(h)).

A Check ☐ if the filing organization belongs to an affiliated group (and list in Part IV each affiliated group member's name, address, EIN, expenses, and share of excess lobbying expenditures).

B Check ☐ if the filing organization checked box A and "limited control" provisions apply.

Limits on Lobbying Expenditures (The term "expenditures" means amounts paid or incurred.)		(a) Filing organization's totals	(b) Affiliated group totals
1a Total lobbying expenditures to influence public opinion (grass roots lobbying)			
b Total lobbying expenditures to influence a legislative body (direct lobbying)		355,929.	
c Total lobbying expenditures (add lines 1a and 1b)		355,929.	
d Other exempt purpose expenditures		540,549,629.	
e Total exempt purpose expenditures (add lines 1c and 1d)		540,905,558.	
f Lobbying nontaxable amount. Enter the amount from the following table in both columns.		1,000,000.	
If the amount on line 1e, column (a) or (b) is:	The lobbying nontaxable amount is:		
Not over \$500,000	20% of the amount on line 1e.		
Over \$500,000 but not over \$1,000,000	\$100,000 plus 15% of the excess over \$500,000.		
Over \$1,000,000 but not over \$1,500,000	\$175,000 plus 10% of the excess over \$1,000,000.		
Over \$1,500,000 but not over \$17,000,000	\$225,000 plus 5% of the excess over \$1,500,000.		
Over \$17,000,000	\$1,000,000.		
g Grassroots nontaxable amount (enter 25% of line 1f)		250,000.	
h Subtract line 1g from line 1a. If zero or less, enter -0-		0.	0.
i Subtract line 1f from line 1c. If zero or less, enter -0-		0.	0.
j If there is an amount other than zero on either line 1h or line 1i, did the organization file Form 4720 reporting section 4911 tax for this year?			<input type="checkbox"/> Yes <input type="checkbox"/> No

4-Year Averaging Period Under section 501(h)

(Some organizations that made a section 501(h) election do not have to complete all of the five columns below.

See the separate instructions for lines 2a through 2f.)

Lobbying Expenditures During 4-Year Averaging Period					
Calendar year (or fiscal year beginning in)	(a) 2014	(b) 2015	(c) 2016	(d) 2017	(e) Total
2a Lobbying nontaxable amount	1,000,000.	1,000,000.	1,000,000.	1,000,000.	4,000,000.
b Lobbying ceiling amount (150% of line 2a, column (e))					6,000,000.
c Total lobbying expenditures	263,874.	365,278.	355,518.	355,929.	1,340,599.
d Grassroots nontaxable amount	250,000.	250,000.	250,000.	250,000.	1,000,000.
e Grassroots ceiling amount (150% of line 2d, column (e))					1,500,000.
f Grassroots lobbying expenditures	13,803.				13,803.

Schedule C (Form 990 or 990-EZ) 2017

Part II-B Complete if the organization is exempt under section 501(c)(3) and has NOT filed Form 5768 (election under section 501(h)).

For each "Yes," response on lines 1a through 1i below, provide in Part IV a detailed description of the lobbying activity.	(a)		(b)
	Yes	No	Amount
1 During the year, did the filing organization attempt to influence foreign, national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of:			
a Volunteers?			
b Paid staff or management (include compensation in expenses reported on lines 1c through 1i)?			
c Media advertisements?			
d Mailings to members, legislators, or the public?			
e Publications, or published or broadcast statements?			
f Grants to other organizations for lobbying purposes?			
g Direct contact with legislators, their staffs, government officials, or a legislative body?			
h Rallies, demonstrations, seminars, conventions, speeches, lectures, or any similar means?			
i Other activities?			
j Total. Add lines 1c through 1i			
2a Did the activities in line 1 cause the organization to be not described in section 501(c)(3)?			
b If "Yes," enter the amount of any tax incurred under section 4912			
c If "Yes," enter the amount of any tax incurred by organization managers under section 4912			
d If the filing organization incurred a section 4912 tax, did it file Form 4720 for this year?			

Part III-A Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6).

	Yes	No
1 Were substantially all (90% or more) dues received nondeductible by members?	1	
2 Did the organization make only in-house lobbying expenditures of \$2,000 or less?	2	
3 Did the organization agree to carry over lobbying and political campaign activity expenditures from the prior year?	3	

Part III-B Complete if the organization is exempt under section 501(c)(4), section 501(c)(5), or section 501(c)(6) and if either (a) BOTH Part III-A, lines 1 and 2, are answered "No," OR (b) Part III-A, line 3, is answered "Yes."

1 Dues, assessments and similar amounts from members	1	
2 Section 162(e) nondeductible lobbying and political expenditures (do not include amounts of political expenses for which the section 527(f) tax was paid).		
a Current year	2a	
b Carryover from last year.	2b	
c Total	2c	
3 Aggregate amount reported in section 6033(e)(1)(A) notices of nondeductible section 162(e) dues.	3	
4 If notices were sent and the amount on line 2c exceeds the amount on line 3, what portion of the excess does the organization agree to carryover to the reasonable estimate of nondeductible lobbying and political expenditure next year?	4	
5 Taxable amount of lobbying and political expenditures (see instructions)	5	

Part IV Supplemental Information

Provide the descriptions required for Part I-A, line 1; Part I-B, line 4; Part I-C, line 5; Part II-A (affiliated group list); Part II-A, lines 1 and 2 (see instructions); and Part II-B, line 1. Also, complete this part for any additional information.

Part IV Supplemental Information *(continued)*

SCHEDULE D
(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

▶ Complete if the organization answered "Yes" on Form 990,
Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.

Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year) . .		
4 Aggregate value at end of year		
5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit?		<input type="checkbox"/> Yes <input type="checkbox"/> No

Part II Conservation Easements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

1 Purpose(s) of conservation easements held by the organization (check all that apply).	
<input type="checkbox"/> Preservation of land for public use (e.g., recreation or education)	<input type="checkbox"/> Preservation of a historically important land area
<input type="checkbox"/> Protection of natural habitat	<input type="checkbox"/> Preservation of a certified historic structure
<input type="checkbox"/> Preservation of open space	
2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.	
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register	2d
3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶	
4 Number of states where property subject to conservation easement is located ▶	
5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?	<input type="checkbox"/> Yes <input type="checkbox"/> No
6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶	
7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ \$	
8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.	

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

1a If the organization elected, as permitted under SFAS 116 (ASC 958), not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.	
b If the organization elected, as permitted under SFAS 116 (ASC 958), to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:	
(i) Revenue included on Form 990, Part VIII, line 1.	▶ \$
(ii) Assets included in Form 990, Part X.	▶ \$
2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 (ASC 958) relating to these items:	
a Revenue included on Form 990, Part VIII, line 1.	▶ \$
b Assets included in Form 990, Part X.	▶ \$

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule D (Form 990) 2017

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):

- a** ☐ Public exhibition **d** ☐ Loan or exchange programs
b ☐ Scholarly research **e** ☐ Other _____
c ☐ Preservation for future generations

4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? ☐ Yes ☐ No

Part IV Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? ☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIII and complete the following table:

	Amount
c Beginning balance	1c
d Additions during the year	1d
e Distributions during the year	1e
f Ending balance	1f

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? ☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided on Part XIII ☐

Part V Endowment Funds.

Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	625,265,990.	630,223,333.	651,454,497.	640,155,256.	582,218,382.
b Contributions	942,551.	380,340.	1,879,155.	1,225,506.	1,615,498.
c Net investment earnings, gains, and losses	90,919,491.	24,176,422.	2,181,537.	37,151,525.	82,209,948.
d Grants or scholarships	21,130,142.	24,094,493.	23,377,387.	25,367,206.	23,744,190.
e Other expenditures for facilities and programs	3,792,321.	3,642,612.	33,469.	44,584.	466,382.
f Administrative expenses	1,811,000.	1,777,000.	1,881,000.	1,666,000.	1,678,000.
g End of year balance	690,394,569.	625,265,990.	630,223,333.	651,454,497.	640,155,256.

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

a Board designated or quasi-endowment ☐ .0400 %

b Permanent endowment ☐ 20.6500 %

c Temporarily restricted endowment ☐ 79.3100 %

The percentages on lines 2a, 2b, and 2c should equal 100%.

3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

(i) unrelated organizations ☐ Yes ☒ No

(ii) related organizations ☐ Yes ☒ No

b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R? ☐ Yes ☒ No

4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		2,930,220.		2,930,220.
b Buildings		111,112,981.	76,512,902.	34,600,079.
c Leasehold improvements				
d Equipment		10,539,540.	7,597,669.	2,941,871.
e Other		229,626,857.	146,599,352.	83,027,505.
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				123,499,675.

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests	4,909,094.	ATTACHMENT 1
(3) Other		
(A) HEDGE FUNDS	107,134,000.	FMV
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.) ►	112,043,094.	

Part VIII Investments - Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 13.) ►		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.) ►	

Part X Other Liabilities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value	
(1) Federal income taxes		
(2) UNDERFUNDED PENSION LIABILITY	81,001,091.	
(3) ACCRUED RETIREE MEDICAL BENEFITS	47,657,693.	
(4) 457(B) LIABILITY	10,180,758.	
(5) ASSET RETIREMENT OBLIGATION	3,908,639.	
(6) ACCRUED POST EMPLOYMENT BENEFITS	1,799,297.	
(7) ACCRUED GIFT ANNUITY LIABILITY	83,078.	
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ►	144,630,556.	

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII ☒

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1	
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a	Net unrealized gains (losses) on investments	2a		
b	Donated services and use of facilities	2b		
c	Recoveries of prior year grants	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)		5	

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1	
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:			
a	Donated services and use of facilities	2a		
b	Prior year adjustments	2b		
c	Other losses	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d		2e	
3	Subtract line 2e from line 1		3	
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b		4c	
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)		5	

Part XIII Supplemental Information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

SEE PAGE 5

Part XIII Supplemental Information (continued)

PART V, LINE 4:

DESCRIBE THE INTENDED USES OF THE ORGANIZATION'S ENDOWMENT FUNDS. THE SOCIETY'S ENDOWMENTS WERE CREATED TO ENCOURAGE THE ADVANCEMENT OF CHEMISTRY IN ALL ITS BRANCHES, PROMOTE RESEARCH IN CHEMICAL SCIENCE AND INDUSTRY, AND IMPROVE THE QUALIFICATION AND USEFULNESS OF CHEMISTS. OVER \$21,000,000 WAS AWARDED IN 2017 TO SUPPORT INNOVATIVE AND FUNDAMENTAL CHEMICAL RESEARCH, PROVIDE UNDERGRADUATE SCHOLARSHIPS, PROVIDE POST-DOCTORAL FELLOWSHIPS, SUPPORT SPECIAL EDUCATIONAL OPPORTUNITIES AT THE HIGH SCHOOL LEVEL, AND RECOGNIZE, ENCOURAGE, AND STIMULATE OUTSTANDING RESEARCH ACHIEVEMENTS THROUGHOUT THE MULTI-DISCIPLINARY BRANCHES OF CHEMISTRY.

PART X, LINE 2:

FOOTNOTE TO THE ORGANIZATION'S FINANCIAL STATEMENTS THAT REPORTS THE ORGANIZATION'S LIABILITY FOR UNCERTAIN TAX POSITIONS UNDER FIN 48 (ASC 740): THE SOCIETY IS GENERALLY EXEMPT FROM FEDERAL INCOME TAXES UNDER INTERNAL REVENUE CODE SECTION 501(C)(3). HOWEVER, THE SOCIETY IS SUBJECT TO TAXATION ON ANY NET UNRELATED BUSINESS INCOME. AT DECEMBER 31, 2017, THE SOCIETY HAD A NET OPERATING LOSS CARRYFORWARD FOR INCOME TAX PURPOSES OF APPROXIMATELY \$21,600,000, WHICH EXPIRES OVER THE YEARS 2018 THROUGH 2037. A DEFERRED TAX ASSET HAS NOT BEEN RECORDED FOR THE NET OPERATING LOSS BECAUSE THE SOCIETY HAS DETERMINED AS OF DECEMBER 31, 2017, IT IS NOT RECOVERABLE. MANAGEMENT ANNUALLY REVIEWS ITS TAX POSITIONS AND HAS DETERMINED THAT THERE ARE NO MATERIAL UNCERTAIN TAX POSITIONS THAT REQUIRE RECOGNITION IN THE CONSOLIDATED FINANCIAL STATEMENTS. PUBLIC LAW NO. 115-97, THE TAX CUTS AND JOBS ACT (THE ACT), WAS ENACTED DECEMBER 22, 2017, WITH MOST PROVISIONS EFFECTIVE JANUARY 1, 2018. THE ACT AMENDS THE

Part XIII Supplemental Information (continued)

INTERNAL REVENUE CODE AND INCLUDES SEVERAL CHANGES RELEVANT TO TAX EXEMPT ORGANIZATIONS, PRIMARILY TO UNRELATED BUSINESS INCOME, NET OPERATING LOSSES, CERTAIN NEW EXCISE TAXES, AND CHANGES AFFECTING THE DEDUCTIBILITY OF CERTAIN EXPENSES. MANAGEMENT IS CURRENTLY IN THE PROCESS OF EVALUATING THE NEW LAW AND THE IMPACT IT MAY HAVE ON THE SOCIETY.

ATTACHMENT 1SCHEDULE D, PART VII - INVESTMENTS - CLOSELY HELD EQUITY INTERESTS

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>COST OR FMV</u>
CLOSELY-HELD EQUITY INTERESTS	4,909,094.	COST
TOTALS	<u>4,909,094.</u>	

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Name of the organization

AMERICAN CHEMICAL SOCIETY

Statement of Activities Outside the United States

► Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Employer identification number

53-0196572

Part I **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**

2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.

3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
(1) EAST ASIA AND THE PACIFIC	0.	162.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	16,332,958.
(2) EUROPE	0.	182.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	9,685,482.
(3) MIDDLE EAST AND NORTH AFRICA	0.	10.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	889,624.
(4) NORTH AMERICA	0.	51.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	1,263,350.
(5) RUSSIA/INDEPENDENT STATES	0.	5.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	24,521.
(6) SOUTH AMERICA	0.	34.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	314,997.
(7) SOUTH ASIA	0.	30.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	18,882,978.
(8) SUB-SAHARAN AFRICA	0.	1.	PROGRAM SERVICES	INFO/MEMBERSHIP SVCS	8,110.
(9) EUROPE	0.	0.	INVESTMENTS		322,811.
(10) CENTRAL AMERICA/CARIBBEAN	0.	0.	GRANTMAKING		12,191.
(11) EAST ASIA AND THE PACIFIC	0.	0.	GRANTMAKING		252,107.
(12) EUROPE	0.	0.	GRANTMAKING		200,795.
(13) MIDDLE EAST AND NORTH AFRICA	0.	0.	GRANTMAKING		13,277.
(14) NORTH AMERICA	0.	0.	GRANTMAKING		339,789.
(15) RUSSIA/INDEPENDENT STATES	0.	0.	GRANTMAKING		10,240.
(16) SOUTH AMERICA	0.	0.	GRANTMAKING		63,204.
(17) SOUTH ASIA	0.	0.	GRANTMAKING		12,049.
3a Sub-total		475.			48,628,483.
b Total from continuation sheets to Part I					19,107.
c Totals (add lines 3a and 3b)		475.			48,647,590.

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule F (Form 990) 2017

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Name of the organization

AMERICAN CHEMICAL SOCIETY

Statement of Activities Outside the United States

► Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Employer identification number

53-0196572

Part I General Information on Activities Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

1 For grantmakers. Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**

2 For grantmakers. Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.

3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
(1) SUB-SAHARAN AFRICA	0.	0.	GRANTMAKING		19,107.
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					
(13)					
(14)					
(15)					
(16)					
(17)					
3a Sub-total					
b Total from continuation sheets to Part I					
c Totals (add lines 3a and 3b)					

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule F (Form 990) 2017

Part II **Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Part II can be duplicated if additional space is needed.

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
(1)			EAST ASIA/PACIFIC	GENERAL SUPP	80,000.	CHECK		N/A	N/A
(2)			EUROPE/ICELAND/GREENLAND	GENERAL SUPP	110,000.	CHECK		N/A	N/A
(3)			NORTH AMERICA	GENERAL SUPP	40,000.	CHECK		N/A	N/A
(4)			NORTH AMERICA	GENERAL SUPP	25,000.	CHECK		N/A	N/A
(5)			NORTH AMERICA	GENERAL SUPP	110,000.	CHECK		N/A	N/A
(6)			NORTH AMERICA	GENERAL SUPP	25,000.	CHECK		N/A	N/A
(7)			NORTH AMERICA	GENERAL SUPP	110,000.	CHECK		N/A	N/A
(8)									
(9)									
(10)									
(11)									
(12)									
(13)									
(14)									
(15)									
(16)									

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter

6.

3 Enter total number of other organizations or entities

1.

Schedule F (Form 990) 2017

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)
(1) AWARDS	CENT. AMERICA/CARIBBEAN	10.	12,191.	CHECK		N/A	N/A
(2) AWARDS	EAST ASIA/PACIFIC	30.	172,107.	CHECK		N/A	N/A
(3) AWARDS	EUROPE/ICELAND/GREENLAND	19.	90,795.	CHECK		N/A	N/A
(4) AWARDS	MIDDLE EAST/NORTH AFRICA	2.	13,277.	CHECK		N/A	N/A
(5) AWARDS	NORTH AMERICA	20.	29,789.	CHECK		N/A	N/A
(6) AWARDS	RUSSIA/NEWLY IND. STATES	1.	10,240.	CHECK		N/A	N/A
(7) AWARDS	SOUTH AMERICA	45.	63,204.	CHECK		N/A	N/A
(8) AWARDS	SOUTH ASIA	2.	12,049.	CHECK		N/A	N/A
(9) AWARDS	SUB-SAHARAN AFRICA	5.	19,107.	CHECK		N/A	N/A
(10)							
(11)							
(12)							
(13)							
(14)							
(15)							
(16)							
(17)							
(18)							

Schedule F (Form 990) 2017

Part IV Foreign Forms

- 1** Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)* ☐ Yes ☒ No
- 2** Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; don't file with Form 990)* ☐ Yes ☒ No
- 3** Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect To Certain Foreign Corporations (see Instructions for Form 5471)* ☒ Yes ☐ No
- 4** Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)* ☐ Yes ☒ No
- 5** Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* ☐ Yes ☒ No
- 6** Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713; don't file with Form 990)* ☒ Yes ☐ No

Schedule F (Form 990) 2017

Part V Supplemental Information

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information (see instructions).

PART I, LINE 2:

DESCRIPTION OF THE ORGANIZATION'S PROCEDURES FOR MONITORING THE USE OF
GRANT FUNDS OUTSIDE THE UNITED STATES:

THE AMERICAN CHEMICAL SOCIETY (ACS) REGULARLY MONITORS ITS GRANTS TO
ENSURE THAT THEY ARE USED FOR PROPER PURPOSES AND ARE NOT DIVERTED FROM
THEIR INTENDED USES. THESE MONITORING PROCEDURES INCLUDE RECEIPT OF
PERIODIC AND ANNUAL REPORTS OF EXPENDITURES AND BUDGETS, RESEARCH
MILESTONES/SIGNIFICANT OUTCOMES, SUMMARY AND TECHNICAL PROGRESS REPORTS,
AND RELEVANT PUBLICATIONS/PRESENTATIONS. ACS REVIEWS ALL REPORTS
SUBMITTED TO ENSURE COMPLIANCE WITH GRANT BUDGETS, ACS POLICIES, AND
LEGAL REQUIREMENTS.

PART I, LINE 3, COLUMN (F); PART II, LINE 1; AND PART III:

DESCRIPTION OF THE METHOD USED TO ACCOUNT FOR EXPENDITURES REPORTED ON
PART I, LINE 3, COLUMN (F); AND CASH GRANTS AND NON-CASH ASSISTANCE
REPORTED ON PART II, LINE 1; AND PART III.

THE AMERICAN CHEMICAL SOCIETY PREPARES ITS FINANCIAL STATEMENTS IN
CONFORMITY WITH ACCOUNTING PRINCIPLES GENERALLY ACCEPTED IN THE UNITED
STATES OF AMERICA AND USES THE ACCRUAL METHOD OF ACCOUNTING. EXPENDITURES
REPORTED ON PART I, LINE 3, COLUMN (F), AND CASH GRANTS REPORTED ON PART
II, LINE 1, AND PART III ARE BASED ON THE ACCRUAL METHOD OF ACCOUNTING.

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) VA. POLYTECHNIC INST. & STATE UNIVERSITY SUITE 4100 BLACKSBURG, VA 24061	54-6001805	VA STATE	577,500.		N/A	N/A	GENERAL SUPPORT
(2) RESEARCH FDTN. STATE UNIVERSITY OF NEW YORK P.O. BOX 9 ALBANY, NY 12201-0009	14-1368361	501(C)(3)	520,000.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF COLORADO AT BOULDER 574 UCB BOULDER, CO 80309-0574	84-6000555	CO STATE	488,250.		N/A	N/A	GENERAL SUPPORT
(4) RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY ASBIII, 2ND FLOOR NEW BRUNSWICK, NJ 08901	22-6001086	501(C)(3)	472,250.		N/A	N/A	GENERAL SUPPORT
(5) THE BD. TRUSTEES - UNIVERSITY OF ILLINOIS 28392 NETWORK PLACE CHICAGO, IL 60673-1283	37-6000511	501(C)(3)	455,500.		N/A	N/A	GENERAL SUPPORT
(6) GEORGIA TECH RESEARCH CORPORATION P.O BOX 100117 ATLANTA, GA 30384	58-0603146	501(C)(3)	370,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF CONNECTICUT 438 WHITNEY ROAD EXTN.,STORRS,CT 06269-1133	06-0772160	CT STATE	350,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIV. OF KANSAS CENTER FOR RESEARCH INC. 2385 IRVING HILL RD,LAWRENCE, KS 66045-7563	48-0680117	501(C)(3)	330,000.		N/A	N/A	GENERAL SUPPORT
(9) TEXAS A&M ENGINEERING EXPERIMENT STATION SUITE 300 COLLEGE STATION, TX 77845	74-1974733	TX STATE	330,000.		N/A	N/A	GENERAL SUPPORT
(10) BOARD OF REGENTS OF THE UNIV. OF NEBRASKA 312 N. 14TH STREET, LINCOLN, NE 68588-0430	47-0049123	501(C)(3)	282,073.		N/A	N/A	GENERAL SUPPORT
(11) MICHIGAN STATE UNIVERSITY 426 AUDITORIUM ROAD,EAST LANSING,MI 48824	38-6005984	501(C)(3)	274,500.		N/A	N/A	GENERAL SUPPORT
(12) TRUSTEES OF PURDUE UNIVERSITY 23510 NETWORK PLACE CHICAGO, IL 60673-1235	35-6002041	IL STATE	271,250.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) CASE WESTERN RESERVE UNIVERSITY 10900 EUCLID AVENUE, CLEVELAND, OHIO 44106	34-1018992	501(C)(3)	252,750.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF HOUSTON P.O. BOX 988 HOUSTON, TX 77001-0988	74-6001399	TX STATE	247,250.		N/A	N/A	GENERAL SUPPORT
(3) OKLAHOMA STATE UNIVERSITY DIRECTOR STILLWATER, OK 74078-0266	73-1383996	OK STATE	246,250.		N/A	N/A	GENERAL SUPPORT
(4) THE PENNSYLVANIA STATE UNIVERSITY 401 RIDER II, STATE COLLEGE, PA 16801-4819	24-6000376	PA STATE	244,750.		N/A	N/A	GENERAL SUPPORT
(5) VIRGINIA COMMONWEALTH UNIVERSITY P.O. BOX 843039 RICHMOND, VA 23284-3039	54-6001758	VA STATE	241,500.		N/A	N/A	GENERAL SUPPORT
(6) BD. OF GOVERNORS, COLORADO STATE UNIVERSITY 408 UNIV. SERVICES CTR., FT. COLLINS, CO 80523	84-6000545	CO STATE	236,750.		N/A	N/A	GENERAL SUPPORT
(7) TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA P-221 FRANKLIN BLDG., CHICAGO, IL 60673	23-1352685	501(C)(3)	236,000.		N/A	N/A	GENERAL SUPPORT
(8) BD. OF REGENTS, UNIVERSITY OF OKLAHOMA 201 STEPHENSON PKWY. NORMAN, OK 73019	73-1377584	OK STATE	232,750.		N/A	N/A	GENERAL SUPPORT
(9) RENSSELAER POLYTECHNIC INSTITUTE 110 8TH STREET, TROY, NY 12180-3522	14-1340095	501(C)(3)	227,500.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF UTAH 201 S. PRESIDENT'S CIR, SALT LKE. CTY. UT 84112	87-6000525	501(C)(3)	227,500.		N/A	N/A	GENERAL SUPPORT
(11) NORTHWESTERN UNIVERSITY DIRECTOR EVANSTON, IL 60208-1110	36-2167817	501(C)(3)	224,750.		N/A	N/A	GENERAL SUPPORT
(12) TRUSTEES OF DARTMOUTH COLLEGE 11 ROPE FERRY ROAD, HANOVER, NH 03755-1404	02-0222111	501(C)(3)	223,125.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) THE WASHINGTON UNIVERSITY CAMPUS BOX 1034 ST. LOUIS, MO 63112-1408	43-0653611	501(C)(3)	222,500.		N/A	N/A	GENERAL SUPPORT
(2) AUBURN UNIVERSITY 208 M. WHITE SMITH HALL, AUBURN, AL 36849	63-6000724	AL STATE	207,500.		N/A	N/A	GENERAL SUPPORT
(3) REGENTS OF THE UNIVERSITY OF MINNESOTA 450 UNIV. GATEWAY, MINNEAPOLIS, MN 55455	41-6007513	MN STATE	170,875.		N/A	N/A	GENERAL SUPPORT
(4) BD. OF TRUSTEES OF THE LELAND STANFORD 333 CAMPUS DRIVE STANFORD, CA 94305-5085	94-1156365	501(C)(3)	176,625.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF MASSACHUSETTS GOODELL BUILDING, AMHERST, MA 01003-3210	04-3167352	MA STATE	158,000.		N/A	N/A	GENERAL SUPPORT
(6) THE UNIVERSITY OF TEXAS AT AUSTIN P.O. BOX 7159 AUSTIN, TX 78713-7159	74-6000203	TX STATE	156,750.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF CHICAGO 6054 S. DREXEL CHICAGO, IL 60637	36-2177139	501(C)(3)	154,000.		N/A	N/A	GENERAL SUPPORT
(8) THE UNIVERSITY OF CALIFORNIA 3201N SANTA BARBARA, CA 93106-2040	95-6006145	501(C)(3)	114,000.		N/A	N/A	GENERAL SUPPORT
(9) ACS, NORTH JERSEY SECTION 33 RONALD ROAD LAKE HIAWATHA, NJ 07034-1121	22-6033933	501(C)(3)	152,200.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF FLORIDA PO BOX 113202, GAINSVILLE, FL 32611	59-6002052	501(C)(3)	151,250.		N/A	N/A	GENERAL SUPPORT
(11) ACS, CALIFORNIA LOCAL SECTION 1072 MANDANA BLVD OAKLAND, CA 94610-1802	94-1358305	501(C)(3)	146,921.		N/A	N/A	GENERAL SUPPORT
(12) IOWA STATE UNIVERSITY 2221 WANDA DALEY DR., AMES, IA 50011-1004	42-6004224	IA STATE	144,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) LOUISIANA STATE UNIVERSITY SPONSORED PRG.ACCTG, BATON ROUGE, LA 70803	72-6000848	LA STATE	138,500.		N/A	N/A	GENERAL SUPPORT
(2) MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE., CAMBRIDGE, MA 02139	04-2103594	501(C)(3)	138,000.		N/A	N/A	GENERAL SUPPORT
(3) THE REGENTS - UNIVERSITY OF CALIFORNIA ATT: DIRECTOR BERKELEY, CA 94720-1103	94-6002123	501(C)(3)	135,500.		N/A	N/A	GENERAL SUPPORT
(4) THE JOHNS HOPKINS UNIVERSITY 12529 COLLECTIONS CTR DR., CHICAGO, IL 60693	52-0595110	501(C)(3)	133,250.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF RICHMOND ROOM 202A RICHMOND, VA 23173	54-0505965	501(C)(3)	131,000.		N/A	N/A	GENERAL SUPPORT
(6) KANSAS STATE UNIVERSITY 10 ANDERSON HALL MANHATTAN, KS 66506	48-0771751	KS STATE	130,000.		N/A	N/A	GENERAL SUPPORT
(7) VANDERBILT UNIVERSITY BOX 1591 STATION B NASHVILLE, TN 37235	62-0476822	501(C)(3)	127,050.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF TOLEDO MS # 326 TOLEDO, OH 43606-3390	34-6401483	OH STATE	126,500.		N/A	N/A	GENERAL SUPPORT
(9) CLEMSON UNIVERSITY 230 KAPPA STREET, CLEMSON, SC 29634	57-6000254	SC STATE	125,000.		N/A	N/A	GENERAL SUPPORT
(10) NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVE., BOSTON, MA 02115	04-1679980	501(C)(3)	123,875.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF SOUTHERN CALIFORNIA ATT: MANAGER LOS ANGELES, CA 90089-8001	95-1642394	501(C)(3)	122,250.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF CINCINNATI P.O. BOX 210061 CINCINNATI, OH 45221-0061	31-6000989	OH STATE	121,750.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) THE TRUSTEES OF INDIANA UNIVERSITY DEPT. 78867 DETROIT, MI 48278-0867	35-6001673	MI STATE	121,500.		N/A	N/A	GENERAL SUPPORT
(2) THE REGENTS - UNIVERSITY OF CALIFORNIA SUITE 1400 IRVINE, CA 92697-1050	95-2226406	501(C)(3)	161,000.		N/A	N/A	GENERAL SUPPORT
(3) NORTH CAROLINA STATE UNIVERSITY BOX 7214 RALEIGH, NC 27695-7214	56-6000756	NC STATE	119,500.		N/A	N/A	GENERAL SUPPORT
(4) MONTANA STATE UNIVERSITY P.O. BOX 172470, BOZEMAN, MT 59717-2470	81-6010045	MT STATE	117,750.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION P.O. BOX 931113 CLEVELAND, OH 44193	61-6033693	501(C)(3)	117,000.		N/A	N/A	GENERAL SUPPORT
(6) DUKE UNIVERSITY 2200 W. MAIN STREET, DURHAM, NC 27705	56-0532129	501(C)(3)	116,500.		N/A	N/A	GENERAL SUPPORT
(7) BOARD OF REGENTS UNIVERSITY OF WISCONSIN 21 NORTH PARK ST., MADISON, WI 53715	39-6006492	501(C)(3)	116,250.		N/A	N/A	GENERAL SUPPORT
(8) DREXEL UNIVERSITY 3201 ARCH STREET, PHILADELPHIA, PA 19104	23-1352630	501(C)(3)	116,250.		N/A	N/A	GENERAL SUPPORT
(9) COLORADO SCHOOL OF MINES 1500 ILLINOIS ST, DENVER, CO 80291-1911	84-6000551	CO STATE	116,000.		N/A	N/A	GENERAL SUPPORT
(10) UNIV. OF VERMONT & STATE AGRICULTURAL COLLEGE 223 WATERMAN BLDG. BURLINGTON, VT 05405	03-0179440	501(C)(3)	115,500.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF PITTSBURGH LOCK BOX 371220 PITTSBURGH, PA 15251-7220	25-0965591	501(C)(3)	115,500.		N/A	N/A	GENERAL SUPPORT
(12) GEORGETOWN UNIVERSITY BOX 571164 WASHINGTON, DC 20057-1164	53-0196603	501(C)(3)	115,300.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) TUFTS UNIVERSITY ADMIN. BUILDING SOMERVILLE, MA 02144	04-2103634	501(C)(3)	114,500.		N/A	N/A	GENERAL SUPPORT
(2) THE UNIVERSITY OF MISSISSIPPI P.O. BOX 1848 UNIVERSITY, MS 38677-1848	64-6001159	MS STATE	114,000.		N/A	N/A	GENERAL SUPPORT
(3) RICE UNIVERSITY P.O. BOX 1892 HOUSTON, TX 77251-1892	74-1109620	501(C)(3)	114,000.		N/A	N/A	GENERAL SUPPORT
(4) THE UNIVERSITY OF CENTRAL FLORIDA 12424 RESEARCH PKWY., ORLANDO, FL 32826	59-2924021	501(C)(3)	113,250.		N/A	N/A	GENERAL SUPPORT
(5) LOUISIANA TECH UNIVERSITY P.O. BOX 7924 RUSTON, LA 71272	72-6000792	LA STATE	113,000.		N/A	N/A	GENERAL SUPPORT
(6) BOARD OF REGENTS, NSHE ON BEHALF OF UNR SPONSORED PROJECTS/MS325, RENO, NV 89557	88-6000024	NV STATE	113,000.		N/A	N/A	GENERAL SUPPORT
(7) THE REGENTS -UNIVERSITY OF CALIFORNIA ATT: DIRECTOR LOS ANGELES, CA 90095-7089	95-6006143	501(C)(3)	130,000.		N/A	N/A	GENERAL SUPPORT
(8) LEHIGH UNIVERSITY 526 BROADHEAD AVE., BETHLEHEM, PA 18015	24-0795445	501(C)(3)	111,625.		N/A	N/A	GENERAL SUPPORT
(9) YALE UNIVERSITY P.O. BOX 1873 NEW HAVEN, CT 06508-1873	06-0646973	501(C)(3)	111,250.		N/A	N/A	GENERAL SUPPORT
(10) UNIVERSITY OF WASHINGTON 12455 COLLECTIONS DR., CHICAGO, IL 60693	91-6001537	IL STATE	111,250.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF ROCHESTER BROOKS LANDING BUS.CTR, ROCHESTER, NY 14611	16-0743209	501(C)(3)	111,250.		N/A	N/A	GENERAL SUPPORT
(12) TEMPLE UNIVERSITY 1805 N. BROAD STREET PHILADELPHIA, PA 19122	23-1365971	501(C)(3)	110,500.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) UNIVERSITY OF NORTH DAKOTA BOX 7306 GRAND FORKS, ND 58202	45-6002491	ND STATE	110,500.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE 9201 UNIV. CTY.,BLVD.,CHARLOTTE,NC 28223	56-0791228	NC STATE	110,500.		N/A	N/A	GENERAL SUPPORT
(3) CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD.,PASADENA,CA 91125	95-1643307	501(C)(3)	110,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF ARKANSAS 1125 W. MAPLE FAYETTEVILLE, AR 72701-1201	71-6003252	AR STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(5) TRUSTEES OF BOSTON UNIVERSITY 25 BUICK STREET BOSTON, MA 02215	04-2103547	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(6) WORCESTER POLYTECHNIC INSTITUTE 100 INSTITUTE ROAD WORCESTER, MA 01609-2280	04-2121659	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(7) WESLEYAN UNIVERSITY 237 HIGH STREET MIDDLETOWN, CT 06459	06-0646959	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(8) CLARKSON UNIVERSITY P.O. BOX 5630 POTSDAM, NY 13699-5810	15-0543659	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(9) STEVENS INSTITUTE OF TECHNOLOGY CASTLE POINT ON HUDSON HOBOKEN, NJ 07030	22-1487354	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(10) THE WILLIAM PATERSON UNIVERSITY OF NJ 300 POMPTON ROAD WAYNE, NJ 07470	22-2781603	NJ STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(11) MONTCLAIR STATE UNIVERSITY 309 COLLEGE HALL UPPER MONTCLAIR, NJ 07043	22-2912682	NJ STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(12) NEW JERSEY INSTITUTE OF TECHNOLOGY 323 DR. MLK BLVD.,NEWARK, NJ 07191	22-6000910	NJ STATE	110,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) CLEVELAND STATE UNIVERSITY PH216 CLEVELAND, OH 44115	34-0966056	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(2) MARQUETTE UNIVERSITY P.O. BOX 1881 MILWAUKEE, WI 53201-1881	39-0806251	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(3) EAST CAROLINA UNIVERSITY GREENVILLE CENTRE, GREENVILLE, NC 27858	56-6000403	NC STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(4) TULANE UNIVERSITY 1555 POYDRAS ST, NEW ORLEANS, LA 70112	72-0423889	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(5) TEXAS A&M UNIVERSITY-CORPUS CHRISTI 6300 OCEAN DRIVE, CORPUS CHRISTI, TX 78412	74-1760663	TX STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(6) THE UNIVERSITY OF TEXAS AT ARLINGTON P.O. BOX 19136 ARLINGTON, TX 76019-0136	75-6000121	TX STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CT PO BOX 841753 DALLAS, TX 75284-1753	75-6002868	TX STATE	110,000.		N/A	N/A	GENERAL SUPPORT
(8) THE REGENTS, UNIVERSITY OF CALIFORNIA, DAVIS P.O. BOX 989062, W SACRAMENTO, CA 95798	94-6036494	501(C)(3)	110,000.		N/A	N/A	GENERAL SUPPORT
(9) WAYNE STATE UNIVERSITY DIRECTOR DETROIT, MI 48202	38-6028429	501(C)(3)	100,000.		N/A	N/A	GENERAL SUPPORT
(10) FLINN SCIENTIFIC INC. PO BOX 219 BATAVIA, IL 60510	36-2926914		93,000.		N/A	N/A	GENERAL SUPPORT
(11) TEXAS A&M UNIVERSITY DEPT. FINANCE & BUDGET, KINGSVILLE, TX 77845	74-6001530	TX STATE	81,500.		N/A	N/A	GENERAL SUPPORT
(12) WINTHROP UNIVERSITY 701 OAKLAND AVENUE ROCK HILL, SC 29733	57-6001204	SC STATE	75,800.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) COLBY COLLEGE DIR.OF ADMIN.FIN. SERV.,WATERVILLE,ME 04901	01-0211497	501(C)(3)	73,500.		N/A	N/A	GENERAL SUPPORT
(2) NORTHEASTERN STATE UNIVERSITY 601 N. GRAND AVENUE TAHLEQUAH, OK 74464	91-1898417	501(C)(3)	73,000.		N/A	N/A	GENERAL SUPPORT
(3) ROWAN UNIVERSITY 201 MULLICA HILL RD,GLASSBORO,NJ 08028	22-2764819	NJ STATE	72,000.		N/A	N/A	GENERAL SUPPORT
(4) SAINT FRANCIS UNIVERSITY P.O. BOX 600 LORETTO, PA 15940-0600	25-1024358	501(C)(3)	70,500.		N/A	N/A	GENERAL SUPPORT
(5) CSU FULLERTON AUXILIARY SERVICES CORP. 2600 NUTWOOD AVENUE,FULLERTON,CA 92831	95-2081258	501(C)(3)	70,300.		N/A	N/A	GENERAL SUPPORT
(6) YESHIVA UNIVERSITY 500 WEST 185TH STREET NEW YORK, NY 10033	13-1624225	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(7) MONMOUTH UNIVERSITY 400 CEDAR AVENUE.,WEST LONG BR. NJ 07764	21-0634584	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(8) FRANKLIN AND MARSHALL COLLEGE P.O. BOX 3003 LANCASTER, PA 17604-3003	23-1352635	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(9) HIRAM COLLEGE P.O. BOX 1808 HIRAM, OH 44234	34-0714670	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(10) BOARD OF TRUSTEES OF ILLINOIS STATE UNIVERS GRANTS ACCOUNTANT NORMAL, IL 61790-1200	37-6014070	IL STATE	70,000.		N/A	N/A	GENERAL SUPPORT
(11) RIPON COLLEGE 300 SEWARD STREET RIPON, WI 54971	39-0826049	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(12) CARLETON COLLEGE ONE N, COLLEGE ST.,NORTHFIELD, MN 55057	41-0694747	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) OLD DOMINION UNIVERSITY RESEARCH FOUNDATION 4111 MONARCH WAY NORFOLK, VA 23508-0369	54-6068198	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(2) GEORGIA STATE UNIVERSITY RESEARCH FOUNDATIO UNIVERSITY PLAZA ATLANTA, GA 30303	58-1845423	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(3) GEORGIA SOUTHERN UNIVERSITY P.O. BOX 8005 STATESBORO, GA 30460-8005	58-2354256	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(4) NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY 801 LEROY PLACE SOCORRO, NM 87801	85-6000411	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(5) LEWIS AND CLARK COLLEGE 0615 S.W.PALATINE HILL RD, PORTLAND, OR 97219	93-0386858	501(C)(3)	70,000.		N/A	N/A	GENERAL SUPPORT
(6) ACS, INDIANA LOCAL SECTION 13153 PLAYER CIR CARMEL, IN 46033-9133	35-6031737	501(C)(3)	62,000.		N/A	N/A	GENERAL SUPPORT
(7) THE REGENTS UNIVERSITY OF MICHIGAN REF. 17-PAF07532 ANN ARBOR, MI 48109	38-6006309	501(C)(3)	61,675.		N/A	N/A	GENERAL SUPPORT
(8) DEPAUL UNIVERSITY ATT: RESTRICTED ACCTG, CHICAGO, IL 60604	36-2167048	501(C)(3)	60,500.		N/A	N/A	GENERAL SUPPORT
(9) CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET, PHILADELPHIA, PA 19106	22-2817365	501(C)(3)	60,000.		N/A	N/A	GENERAL SUPPORT
(10) THE COLLEGE OF WOOSTER GALPIN HALL WOOSTER, OH 44691	34-0714654	501(C)(3)	55,625.		N/A	N/A	GENERAL SUPPORT
(11) IONA COLLEGE 715 NORTH AVENUE NEW ROCHELLE, NY 10801	13-3508093	501(C)(3)	55,300.		N/A	N/A	GENERAL SUPPORT
(12) BALL STATE UNIVERSITY 2000 UNIVERSITY AVENUE MUNCIE, IN 47306	35-6000221	IN STATE	55,300.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) ALBRIGHT COLLEGE P.O. BOX 15234 READING, PA 19612-5234	23-1352615	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(2) BUCKNELL UNIVERSITY 112 MARTS HALL LEWISBURG, PA 17837	24-0772407	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(3) YOUNGSTOWN STATE UNIVERSITY ONE UNIVERSITY PLAZA YOUNGSTOWN, OH 44555	34-1011998	OH STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(4) HOPE COLLEGE P.O. BOX 9000 HOLLAND, MI 49422-9000	38-1381271	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(5) LAWRENCE UNIVERSITY 115 S. DREW ST. APPLETON, WI 54911	39-0806297	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(6) THE COLLEGE OF WILLIAM AND MARY P.O. BOX 8795 WILLIAMSBURG, VA 23187-8795	54-6001718	VA STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(7) UNIVERSITY OF WEST GEORGIA 1601 MAPLE STREET CARROLLTON, GA 30118-0001	58-6002055	GA STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF TAMPA 401 W. KENNEDY BLVD. TAMPA, FL 33606	59-0624459	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(9) NORTHERN KENTUCKY UNIVERSITY NUNN DRIVE, HIGHLAND HEIGHTS, KY 41099	61-1010545	KY STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(10) THE UNIVERSITY OF THE SOUTH 735 UNIVERSITY AVE, SEWANEE, TN 37383	62-0475697	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(11) EAST TENNESSEE STATE UNIVERSITY ATT: GRANT ACCOUNTING, JOHNSON CTY. TN 37614	62-6021046	TN STATE	55,000.		N/A	N/A	GENERAL SUPPORT
(12) HUMBOLDT STATE UNIV. SPONSORED PROGRAMS FDT P.O. BOX 1185 ARCATA, CA 95518	94-6050071	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

**SCHEDULE I
(Form 990)**

Department of the Treasury
Internal Revenue Service

**Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States**

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ **Yes** ☐ **No**
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) CAL. STATE L.A. UNIVERSITY AUXILIARY SERVICE 5151 STATE UNIVERSITY DR. LA, CA 90032	95-4016653	501(C)(3)	55,000.		N/A	N/A	GENERAL SUPPORT
(2) OREGON STATE UNIVERSITY 2100 SW CAMPUS WAY CORVALLIS, OR 97339	61-1730890	OR STATE	49,300.		N/A	N/A	GENERAL SUPPORT
(3) REGENTS OF THE UNIVERSITY CALIFORNIA UNIV OF CALIFORNIA DAVIS DAVIS, CA 92521	95-6006142	501(C)(3)	47,750.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF NORTHERN COLORADO JUDY FARR ALUMNI CENTER GREELY, CO 80639	84-6000546	501(C)(3)	41,200.		N/A	N/A	GENERAL SUPPORT
(5) COLORADO STATE UNIVERSITY FOUNDATION PO BOX 1870 FORT COLLINS, CO 80523	23-7098397	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ILLINOIS FOUNDATION 338 NOYES LAB, URBANA, IL 61801	37-6006007	501(C)(3)	40,000.		N/A	N/A	GENERAL SUPPORT
(7) STATE UNIVERSITY OF NEW YORK 1 COLLEGE CIRCLE GENESEO, NY 13902	14-6013200	501(C)(3)	36,100.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF MARYLAND MITCHELL BUILDING, COLLEGE PK, MD 20742	52-1076158	501(C)(3)	34,375.		N/A	N/A	GENERAL SUPPORT
(9) WEST VIRGINIA UNIVERSITY MORGANTOWN, WV 26506	55-6000842	501(C)(3)	33,500.		N/A	N/A	GENERAL SUPPORT
(10) ACS, PUERTO RICO LOCAL SECTION P.O. BOX 23346, SAN JUAN,, PR 00931	66-0684194	501(C)(3)	32,625.		N/A	N/A	GENERAL SUPPORT
(11) OHIO STATE UNIVERSITY COLL. OF ARTS & SCIENCES, COLUMBUS, OH 71603	31-6025986	501(C)(3)	31,500.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF DELAWARE 224 HULLIHEN HALL NEWARK, DE 19716-4602	51-6000297	501(C)(3)	30,500.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) ACS, GREATER HOUSTON LOCAL SECTION 3000 N SAM HOUSTON PKWY E,HOUSTON,TX 77032	74-6045012	501(C)(3)	28,800.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF TENNESSEE 137 ALUMNI MEMORIAL BLDG.KNOXVILLE,TN 37996	62-6001636	501(C)(3)	28,250.		N/A	N/A	GENERAL SUPPORT
(3) SOUTH DAKOTA SCHOOL OF MINES & TECH 501 EAST ST JOSEPH ST. RAPID CITY,SD 57701	46-6000364	501(C)(3)	27,750.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF SOUTH CAROLINA 1714 COLLEGE STREET COLUMBIA, SC 29208	57-6001153	SC STATE	27,750.		N/A	N/A	GENERAL SUPPORT
(5) CHEMICAL SOCIETY OF WASHINGTON 1155 SIXTEENTH STREET, NW, WDC 20036	23-7284206	501(C)(3)	26,800.		N/A	N/A	GENERAL SUPPORT
(6) ACS, NEW YORK LOCAL SECTION 2490 SYCAMORE AVE WANTAGH, NY 11793-4418	13-1926773	501(C)(3)	26,000.		N/A	N/A	GENERAL SUPPORT
(7) COUNCIL FOR THE ADVANCEMENT OF SCIENCE WRIT PO BOX 17337 SEATTLE, WA 98127	13-1953314	501(C)(3)	25,000.		N/A	N/A	GENERAL SUPPORT
(8) WESTERN MICHIGAN STATE UNIVERSITY 1903 WESTERN MICHIGAN AVE,KALAMAZOO,MI49008	38-6007327	501(C)(3)	25,000.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF ARKANSAS AT PINE BLUFF 1200 N. UNIVERSITY DR.PINE BLUFF, UT 84322	71-6010030	501(C)(3)	25,000.		N/A	N/A	GENERAL SUPPORT
(10) WESTERN WASHINGTON UNIVERSITY COLL. OF SCIENCE & TECH.BELLINGHAM,WA 98225	91-6000562	WA STATE	24,250.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF IDAHO 875 PERIMETER DRIVE MOSCOW, ID 83844	82-6000945	501(C)(3)	24,000.		N/A	N/A	GENERAL SUPPORT
(12) TEXAS A&M UNIVERSITY THE PAVILION, COLLEGE STATION, TX 77845	74-6000531	TX STATE	22,125.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) TUSKEGEE UNIVERSITY 102 ARMSTRONG HALL TUSKEGEE, AL 36088	63-0288878	501(C)(3)	21,250.		N/A	N/A	GENERAL SUPPORT
(2) CORNELL UNIVERSITY 120 BAKER LAB, ITHACA, NY 14850	15-0532082	501(C)(3)	20,750.		N/A	N/A	GENERAL SUPPORT
(3) WEST VIRGINIA STATE UNIVERSITY PO BOX 1000 INSTITUTE, WV 25112	55-0708567	501(C)(3)	23,500.		N/A	N/A	GENERAL SUPPORT
(4) LANGSTON UNIVERSITY CHAIR, CHEMISTRY DEPT. LANGSTON, OK 43011	11-3815948	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(5) EARTH DAY NETWORK INC 1616 P ST NW SUITE 340 WASHINGTON, DC 20036	13-3798288	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ALASKA FOUNDATION 4001 GEIST RD, SUITE 6 FAIRBANKS, AK 99775	23-7394620	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(7) REV1 VENTURES 1275 KINNEAR RD COLUMBUS, OH 43212	31-1658220	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(8) UNIVERSITY OF WISCONSIN FOUNDATION COLLEGE OF LETTERS & SC., MADISON, WI 53726	39-0743975	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(9) UNIVERSITY OF MISSOURI COLUMBIA COLL. OF ARTS & SCIENCE, COLUMBIA, MO 65211	43-6003859	MO STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(10) NORTH DAKOTA STATE UNIV COLLEGE OF HUMAN DEV & ED. FARGO, IN 47907	45-6002439	ND STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF MASSACHUSETTS-AMHERST CHEM DEPT, 122 LGRT AMHERST, MA 01003	54-2084125	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(12) SOUTH CAROLINA ST UNIV EDUCATIONAL FNDTN CAMPUS PO BOX 7212 ORANGEBURG, SC 29117	57-0967350	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) UNIVERSITY OF GEORGIA FOUNDATION FRANKLIN COLL.OF ARTS & SCI,ATHENS,GA 30602	58-1353149	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(2) NORTH CAROLINA ST COLLEGE OF SCI FNDTN DEV & COLLEGE RELATIONS RALEIGH, NC 27695	58-1524289	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(3) MONTANA STATE UNIVERSITY FOUNDATION 910 TECHNOLOGY BLVD BOZEMAN, WV 25112	81-6001649	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF WYOMING DIR OF FD DEV LARAMIE, WY 82070	83-6000331	WY STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(5) UNIVERSITY OF NEW MEXICO ROOM 3019 ALBUQUERQUE, NM 87131	85-6000642	NM STATE	20,000.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF ARIZONA FOUNDATION CHEMISTRY BLDG. RM 225 TUCSON, MT 59717	86-6050388	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(7) UTAH STATE UNIVERSITY DIR. OF DEV,LOGAN, UT 01003	87-6000528	501(C)(3)	20,000.		N/A	N/A	GENERAL SUPPORT
(8) ARIZONA STATE UNIVERSITY 1151 S FOREST AVENUE TEMPE, AZ 85287-6011	86-0196696	AZ STATE	18,550.		N/A	N/A	GENERAL SUPPORT
(9) ACS, SAN ANTONIO SECTION 10359 TIGER PAW SAN ANTONIO, TX 78251-4098	74-6052070	501(C)(3)	18,500.		N/A	N/A	GENERAL SUPPORT
(10) ACS, MINNESOTA LOCAL SECTION 2621 WESTERGREN CT ST. PAUL, MN 55110	41-6024526	501(C)(3)	18,400.		N/A	N/A	GENERAL SUPPORT
(11) COLUMBIA UNIVERSITY 100 HAMILTON HALL NEW YORK, NY 10027	13-5598093	501(C)(3)	18,125.		N/A	N/A	GENERAL SUPPORT
(12) GEORGIA INSTITUTE OF TECHNOLOGY 225 NORTH AVENUE ATLANTA, GA 30332-0320	58-6002023	501(C)(3)	17,750.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) COLUMBUS COUNCIL ON WORLD AFFAIRS 51 JEFFERSON AVENUE COLUMBUS, OH 43215	51-0180760	501(C)(3)	17,500.		N/A	N/A	GENERAL SUPPORT
(2) DUQUESNE UNIVERSITY MELLON HALL 302A PITTSBURGH, PA 15282	25-1035663	501(C)(3)	16,500.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF ARKANSAS 1 UNIV OF ARKANSAS,FAYETTEVILLE, AK 72701	48-1124839	AR STATE	16,250.		N/A	N/A	GENERAL SUPPORT
(4) WASHINGTON STATE UNIVERSITY PO BOX 641027, PULLMAN, WA 99164	91-6001108	501(C)(3)	16,000.		N/A	N/A	GENERAL SUPPORT
(5) FLORIDA A&M UNIVERSITY 501 GORE ED. COMPLEX TALLAHASSEE, FL 32307	59-0977035	501(C)(3)	15,750.		N/A	N/A	GENERAL SUPPORT
(6) ACS, NORTH CAROLINA LOCAL SECTION 101 LONGWOOD PLACE,CHAPEL HILL, NC 27514	56-6049892	501(C)(3)	15,000.		N/A	N/A	GENERAL SUPPORT
(7) IDAHO STATE UNIVERSITY DEPT OF CHEMISTRY POCATELLO, ID 83209-8023	82-6000924	ID STATE	15,000.		N/A	N/A	GENERAL SUPPORT
(8) HOWARD UNIVERSITY 2400 6TH STREET NW WASHINGTON, DC 20059	53-0204707	501(C)(3)	14,750.		N/A	N/A	GENERAL SUPPORT
(9) ACS, CHICAGO LOCAL SECTION 5913 N NEWARK AVE CHICAGO, IL 60631	36-2287522	501(C)(3)	14,500.		N/A	N/A	GENERAL SUPPORT
(10) ACS, CAROLINA-PIEDMONT LOCAL SECTION 3830 MOUNTAIN COVE DR, CHARLOTTE,NC 28216	56-1317493	501(C)(3)	14,000.		N/A	N/A	GENERAL SUPPORT
(11) NORTH CAROLINA A & T STATE UNIV 1601 EAST MARKET ST. GREENSBORO, NC 27411	56-6000007	501(C)(3)	14,000.		N/A	N/A	GENERAL SUPPORT
(12) BAYLOR COLLEGE OF MEDICINE ONE BAYLOR PLAZA HOUSTON, TX 77030	74-1613878	501(C)(3)	13,500.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) MILLIKIN UNIVERSITY 1184 W MAIN STREET DECATUR, IL 62522	37-0706154	501(C)(3)	13,000.		N/A	N/A	GENERAL SUPPORT
(2) ACS, AKRON LOCAL SECTION 390 ROSLYN AVENUE AKRON, CO 80027	26-0090704	501(C)(3)	13,000.		N/A	N/A	GENERAL SUPPORT
(3) POMONA COLLEGE 550 NORTH COLLEGE AVE. CLAREMONT, CA 91711	95-1664112	501(C)(3)	13,000.		N/A	N/A	GENERAL SUPPORT
(4) ACS, SIERRA NEVADA LOCAL SECTION 1664 N VIRGINIA ST RENO, NV 89557-0216	88-6008127	501(C)(3)	12,500.		N/A	N/A	GENERAL SUPPORT
(5) ACS, GEORGIA LOCAL SECTION 250 AMAL DR SW ATLANTA, GA 30315	58-6043590	501(C)(3)	12,500.		N/A	N/A	GENERAL SUPPORT
(6) HARVARD COLLEGE 953 SMITH CENTER CAMBRIDGE, MA 02138	04-2103580	501(C)(3)	12,000.		N/A	N/A	GENERAL SUPPORT
(7) ACS, ORGANIC CHEMISTRY DIVISION 578 S SHAW LN EAST LANSING, MI 48824	52-6056409	501(C)(3)	11,982.		N/A	N/A	GENERAL SUPPORT
(8) CITY COLLEGE OF NEW YORK RM 104-160 CONVENT AVE NEW YORK, NY 10031	13-3893536	501(C)(3)	11,800.		N/A	N/A	GENERAL SUPPORT
(9) ACS, DETROIT LOCAL SECTION 13760 RIVERWOOD DR, STELING HGTS, MI 48312	38-6062823	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT
(10) ACS, DIVISION OF CHEMICAL EDUCATION 8841 CRESCENT DR, HUNTINGTON BCH, CA 92646	42-0935374	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF VERMONT FOUNDATION 411 MAIN STREET BURLINGTON, VT 05401	45-1556038	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT
(12) SALISBURY UNIVERSITY 1101 CAMDEN AVENUE SALISBURY, MD 21853	52-6002033	501(C)(3)	11,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) ACS, ROCHESTER LOCAL SECTION 87 BEVERLY ST ROCHESTER, NY 14610	16-6043932	501(C)(3)	10,500.		N/A	N/A	GENERAL SUPPORT
(2) ACS, DALLAS FORT WORTH LOCAL SECTION BOX 19065, ARLINGTON, TX 76019	75-6038078	501(C)(3)	10,500.		N/A	N/A	GENERAL SUPPORT
(3) ACS, COLORADO LOCAL SECTION 802 TRAIL RIDGE DR LOUISVILLE, CO 80027	84-0754631	501(C)(3)	12,900.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF NEW HAMPSHIRE 23 ACADEMIC WAY DURHAM, NH 03824	02-6000937	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(5) CENTRAL COLLEGE CAMPUS BOX 5200 PELLA, IA 50219	42-0680344	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(6) AMERICAN ASS.FOR THE ADVANCEMENT OF SCIENCE 1200 NEW YORK AVE NW WASHINGTON, DC 20005	53-0196568	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(7) ALCORN STATE UNIVERSITY DEPT OF CHEMISTRY&PHYSICS LORMAN, MS 39096	64-6000013	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(8) ACS, SOUTHERN CALIFORNIA LOCAL SECTION 1000 E VICTORIA ST NSM B202	95-2270255	501(C)(3)	10,000.		N/A	N/A	GENERAL SUPPORT
(9) CALIFORNIA STATE UNIVERSITY - LOS ANGELES 14934 S FIGUEROA STREET GARDENA, CA 90248	95-4386558	CA STATE	10,000.		N/A	N/A	GENERAL SUPPORT
(10) TEXAS TECH UNIVERSITY DEPT OF CHEM & BIOCHEM., LUBBOCK, TX 79409	75-6002622	TX STATE	9,800.		N/A	N/A	GENERAL SUPPORT
(11) RESEARCH FOUNDATION OF CUNY 230 W 41ST STREET NEW YORK, NY 10036	13-1988190	501(C)(3)	9,500.		N/A	N/A	GENERAL SUPPORT
(12) UNIVERSITY OF PUERTO RICO - MAYAGUEZ P.O.BOX 9000, MAYAGUEZ,, PR 00928	66-0433761	501(C)(3)	9,500.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) THE COLLEGE OF NEW JERSEY 2000 PENNINGTON RD. EWING, NJ 08628-0718	22-2797398	NJ STATE	9,500.		N/A	N/A	GENERAL SUPPORT
(2) ACS, PORTLAND LOCAL SECTION 808 NE SISKIYOU ST PORTLAND, OR 97212-2270	93-6034605	501(C)(3)	9,500.		N/A	N/A	GENERAL SUPPORT
(3) UNIVERSITY OF NOTRE DAME 115 MAIN BUILDING NOTRE DAME, IN 46556	35-0868188	501(C)(3)	9,375.		N/A	N/A	GENERAL SUPPORT
(4) ST EDWARDS UNIVERSITY 3001 SOUTH CONGRESS AVE.AUSTIN, TX 78704	74-1109641	501(C)(3)	9,000.		N/A	N/A	GENERAL SUPPORT
(5) ACS, NORTHEASTERN LOCAL SECTION 67 BOW STREET ARLINGTON, MA 02474-2744	04-6037800	501(C)(3)	8,800.		N/A	N/A	GENERAL SUPPORT
(6) UNIVERSITY OF VIRGINIA CHARLOTTESVILLE, VA 22904	54-6001796	501(C)(3)	8,800.		N/A	N/A	GENERAL SUPPORT
(7) UNIV OF CALIFORNIA,SAN DIEGO 9500 GILMAN DRIVE,LA JOLLA, CA 92093	95-6006144	501(C)(3)	8,800.		N/A	N/A	GENERAL SUPPORT
(8) PRAIRIE VIEW A&M UNIVERSITY PO BOX 2967 PRAIRIE VIEW, TX 77446	74-6001078	TX STATE	8,750.		N/A	N/A	GENERAL SUPPORT
(9) CALIFORNIA POLYTECHNIC STATE UNIVERSITY ADMISSIONS OFFICE,SAN LUIS OBISPO, CA 93407	95-1648180	501(C)(3)	8,750.		N/A	N/A	GENERAL SUPPORT
(10) ACS, SOUTH JERSEY LOCAL SECTION 208 WEDGEWOOD CT ABSECON, NJ 08205	22-6094606	501(C)(3)	8,500.		N/A	N/A	GENERAL SUPPORT
(11) ACS, MIDLAND LOCAL SECTION PO BOX 2695 MIDLAND, MI 48686-0001	38-6076239	501(C)(3)	8,500.		N/A	N/A	GENERAL SUPPORT
(12) FLORIDA INTERNATIONAL UNIVERSITY 164 ANGELL STREET, MIAMI, FL 33199	65-0177616	501(C)(3)	8,500.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) ACS, AMES LOCAL SECTION 812 VERMONT CIRCLE AMES, IA 50011	42-6077347	501(C)(3)	8,300.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF WEST FLORIDA 11000 UNIVERSITY PKWY. PENSACOLA, FL 32514	15-9600187	FL STATE	8,100.		N/A	N/A	GENERAL SUPPORT
(3) LEMOYNE-OWEN COLLEGE 807 WALKER AVENUE MEMPHIS, TN 38126	62-0475690	501(C)(3)	8,100.		N/A	N/A	GENERAL SUPPORT
(4) ACS, SOUTH FLORIDA LOCAL SECTION 13575 NW 5TH CT, PEMBROKE PINES, FL 33028	65-0355083	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(5) ACS, CONNECTICUT VALLEY LOCAL SECTION 29 FARMSTEAD LANE WINDSOR, CT 06095	04-2320822	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(6) RIDER UNIVERSITY DEPT. OF CHEMISTRY LAWRENCEVILLE, NJ 08648	21-0650678	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(7) THE SCRIPPS RESEARCH INST 10550 N TORREY PINES RD. LAJOLLA, CA 92037	33-0435954	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(8) YOUNGSTOWN STATE UNIVERSITY ONE UNIVERSITY PLAZA YOUNGSTOWN, OH 44555	34-0111998	OH STATE	7,500.		N/A	N/A	GENERAL SUPPORT
(9) DEPAUW UNIVERSITY 101 EAST SEMINARY ST. GREENCASTLE, IN 46135	35-0869045	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(10) CLARK ATLANTA UNIVERSITY DEPT. OF CHEMISTRY ATLANTA, GA 42927	58-1825259	501(C)(3)	7,500.		N/A	N/A	GENERAL SUPPORT
(11) UNIVERSITY OF SAN DIEGO 5998 ALCALA PARK SAN DIEGO, CA 92110-2492	95-2544535	501(C)(3)	7,250.		N/A	N/A	GENERAL SUPPORT
(12) OHIO UNIVERSITY 120 CHUBB HALL ATHENS, OH 45701	31-6402113	OH STATE	7,000.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) UNIVERSITY OF GEORGIA 212 TERRELL HALL ATHENS, GA 30602	58-6001998	501(C)(3)	6,750.		N/A	N/A	GENERAL SUPPORT
(2) BOISE STATE UNIVERSITY SCIENCE BUILDING, BOISIE, ID 83725	82-6010706	501(C)(3)	6,300.		N/A	N/A	GENERAL SUPPORT
(3) UNIV OF PUERTO RICO RIO PIEDRAS RIO PIEDRAS CAMPUS SAN JUAN, PR 00931	66-0433760	501(C)(3)	6,250.		N/A	N/A	GENERAL SUPPORT
(4) BROWN UNIVERSITY 164 ANGELL STREET, PROVIDENCE, RI 02912	05-0258809	501(C)(3)	6,250.		N/A	N/A	GENERAL SUPPORT
(5) FLORIDA STATE UNIVERSITY A-1500 UCA BLDG TALLAHASSEE, FL 32306	59-1961248	501(C)(3)	6,250.		N/A	N/A	GENERAL SUPPORT
(6) APS FOUNDATION OF AMERICA INC PO BOX 25704 LA CROSSE, WI 54602	20-3085295	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(7) WICHITA STATE UNIV PHYSICS DEPARTMENT WICHITA, KS 67260	48-6029925	KS STATE	6,000.		N/A	N/A	GENERAL SUPPORT
(8) BAYLOR UNIVERSITY BOX 97056 WACO, TX 76798	74-1159753	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(9) ACS, SAN DIEGO LOCAL SECTION 8171 VIA MALLORCA LA JOLLA, CA 92037-2903	95-6050468	501(C)(3)	6,000.		N/A	N/A	GENERAL SUPPORT
(10) PELOTONIA 351 W NATIONWIDE BLVD COLUMBUS, OH 43215	31-1145986	501(C)(3)	5,890.		N/A	N/A	GENERAL SUPPORT
(11) SAINT LOUIS UNIVERSITY FUZZ HALL, 3RD FLOOR ST LOUIS, MO 63103	43-0654872	501(C)(3)	5,750.		N/A	N/A	GENERAL SUPPORT
(12) ACS, KANSAS CITY LOCAL SECTION 2903 WILSHIRE COURT, ST JOSEPH, MO 64506	44-0132880	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ►

3 Enter total number of other organizations listed in the line 1 table ►

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations,
Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

► Attach to Form 990.

► Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2017

Open to Public
Inspection

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I General Information on Grants and Assistance

- 1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No
- 2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) MIDDLE TENNESSEE STATE UNIVERSITY DEPT. OF CHEMISTRY, MURFREESBORO, TN 37132	62-0786119	501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(2) UNIVERSITY OF PUERTO RICO BAYAMON PR-174, BAYAMON BAYAMON, PR 00959		501(C)(3)	5,500.		N/A	N/A	GENERAL SUPPORT
(3) JACKSONVILLE STATE UNIVERSITY 700 PELHAM ROAD N JACKSONVILLE, FL 36265	63-6001099	AL STATE	5,500.		N/A	N/A	GENERAL SUPPORT
(4) UNIVERSITY OF SOUTH FLORIDA DEPARTMENT OF CHEM., TAMPA, FL 36265	59-3102112	FL STATE	5,325.		N/A	N/A	GENERAL SUPPORT
(5) RAMAPO COLLEGE OF NEW JERSEY 505 RAMAPO VALLEY RD. MAHWAH, NJ 07430	52-1558006	501(C)(3)	5,300.		N/A	N/A	GENERAL SUPPORT
(6) BRIGHAM YOUNG UNIVERSITY C409 BNSN PROVO, RI 84602	87-0217280	501(C)(3)	5,300.		N/A	N/A	GENERAL SUPPORT
(7) NEW YORK UNIVERSITY 22 WASHINGTON SQUARE N. NEW YORK, NY 10087	13-5562308	501(C)(3)	5,250.		N/A	N/A	GENERAL SUPPORT
(8) LOYOLA UNIVERSITY OF CHICAGO 820 NORTH MICHIGAN AVE. CHICAGO, IL 60611	36-1408475	501(C)(3)	5,250.		N/A	N/A	GENERAL SUPPORT
(9)							
(10)							
(11)							
(12)							

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table 260.

3 Enter total number of other organizations listed in the line 1 table 1.

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule I (Form 990) (2017)

Part III **Grants and Other Assistance to Domestic Individuals.** Complete if the organization answered "Yes" on Form 990, Part IV, line 22.
Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of non-cash assistance
1 FELLOWSHIPS	294.	478,716.		N/A	N/A
2 AWARDS	109.	418,334.		N/A	N/A
3					
4					
5					
6					
7					

Part IV **Supplemental Information.** Provide the information required in Part I, line 2, Part III, column (b); and any other additional information.

PART I, LINE 2:

DESCRIPTION OF THE ORGANIZATION'S PROCEDURES FOR MONITORING THE USE OF GRANT FUNDS IN THE UNITED STATES. THE AMERICAN CHEMICAL SOCIETY (ACS) REGULARLY MONITORS ITS GRANTS TO ENSURE THAT THEY ARE USED FOR PROPER PURPOSES AND ARE NOT DIVERTED FROM THEIR INTENDED USES. THESE MONITORING PROCEDURES INCLUDE RECEIPT OF PERIODIC AND ANNUAL REPORTS OF EXPENDITURES AND BUDGETS, RESEARCH MILESTONES/SIGNIFICANT OUTCOMES, SUMMARY AND TECHNICAL PROGRESS REPORTS, AND RELEVANT PUBLICATIONS/PRESENTATIONS. ACS REVIEWS ALL REPORTS SUBMITTED TO ENSURE COMPLIANCE WITH GRANT BUDGETS, ACS POLICIES, AND LEGAL REQUIREMENTS.

**SCHEDULE J
(Form 990)**

Department of the Treasury
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest
Compensated Employees

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Questions Regarding Compensation

1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

- | | |
|--|---|
| <input checked="" type="checkbox"/> First-class or charter travel | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax indemnification and gross-up payments | <input checked="" type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input type="checkbox"/> Personal services (such as, maid, chauffeur, chef) |

b If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a?

3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Compensation committee | <input type="checkbox"/> Written employment contract |
| <input checked="" type="checkbox"/> Independent compensation consultant | <input checked="" type="checkbox"/> Compensation survey or study |
| <input checked="" type="checkbox"/> Form 990 of other organizations | <input checked="" type="checkbox"/> Approval by the board or compensation committee |

4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
- b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
- c** Participate in, or receive payment from, an equity-based compensation arrangement?
- If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

- a** The organization?
- b** Any related organization?
- If "Yes" on line 5a or 5b, describe in Part III.

6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

- a** The organization?
- b** Any related organization?
- If "Yes" on line 6a or 6b, describe in Part III.

7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described on lines 5 and 6? If "Yes," describe in Part III.

8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III

9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

	Yes	No
1b	X	
2	X	
4a		X
4b	X	
4c		X
5a		X
5b		X
6a		X
6b		X
7		X
8		X
9		

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule J (Form 990) 2017

Schedule J (Form 990) 2017

Page **2****Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that aren't listed on Form 990, Part VII.

Note: The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
1 DR. THOMAS M. CONNELLY, JR. EXECUTIVE DIRECTOR & CEO	(i)	709,229.	268,080.	14,478.	24,300.	30,314.	1,046,401.	
	(ii)	0.	0.	0.				
2 MR. FLINT H. LEWIS SECRETARY & GENERAL COUNSEL	(i)	359,721.	94,320.	4,021.	24,300.	30,117.	512,479.	
	(ii)	0.	0.	0.				
3 MR. BRIAN A. BERNSTEIN TREASURER & CFO	(i)	403,674.	101,210.	42,540.	24,300.	29,661.	601,385.	
	(ii)	0.	0.	0.				
4 MR. MANUEL GUZMAN PRESIDENT, CAS	(i)	736,654.	308,600.	2,622.	24,300.	29,114.	1,101,290.	
	(ii)	0.	0.	0.				
5 DR. BRIAN D. CRAWFORD PRESIDENT, PUBLICATIONS	(i)	541,358.	204,470.	31,712.	24,300.	24,345.	826,185.	
	(ii)	0.	0.	0.				
6 MR. JOHN R. SULLIVAN CHIEF INFORMATION OFFICER	(i)	377,413.	100,110.	3,734.	24,300.	32,488.	538,045.	
	(ii)	0.	0.	0.				
7 DR. MATTHEW J. TOUSSANT SVP, PRODUCT & CONTENT OPS, CAS	(i)	447,200.	176,480.	7,197.	24,300.	20,473.	675,650.	
	(ii)	0.	0.	0.				
8 DR. MICHAEL DENNIS VP, LEGAL ADM, PMO & INNVTN, CAS	(i)	327,651.	123,580.	1,701.	23,950.	28,678.	505,560.	
	(ii)	0.	0.	0.				
9 MR. CRAIG STEPHENS VP, SALES, CAS	(i)	291,317.	108,710.	1,964.	24,300.	30,947.	457,238.	
	(ii)	0.	0.	0.				
10 MR. BRANDON NORDIN SVP, SALES MTKG DGT STGY, PUBS	(i)	292,488.	93,860.	3,280.	23,072.	21,938.	434,638.	
	(ii)	0.	0.	0.				
11 MS. CHRISTINE MCCUE VP, MARKETING, CAS	(i)	279,499.	99,520.	3,117.	24,300.	11,090.	417,526.	
	(ii)	0.	0.	0.				
12	(i)							
	(ii)							
13	(i)							
	(ii)							
14	(i)							
	(ii)							
15	(i)							
	(ii)							
16	(i)							
	(ii)							

Schedule J (Form 990) 2017

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

PART I, LINE 1A:

FOR EACH OF THE LISTED BENEFITS PROVIDED TO OR FOR A LISTED PERSON

PROVIDE IN PART III RELEVANT INFORMATION REGARDING THESE ITEMS:

TYPE OF BENEFIT: FIRST CLASS TRAVEL. THE SOCIETY DOES NOT PAY FOR FIRST CLASS TRAVEL, EXCEPT IN UNUSUAL CASES. ANY FIRST CLASS TRAVEL FOR OFFICIAL ACS BUSINESS MUST BE APPROVED BY THE EXECUTIVE DIRECTOR & CEO. IN 2017, ON SEVERAL OCCASIONS, IT WAS NECESSARY FOR THE ACS TO AUTHORIZE AND PAY FOR FIRST CLASS TICKETS DUE TO DOCUMENTED MEDICAL REASONS FOR AN ACS OFFICER WHO WAS ON OFFICIAL ACS BUSINESS TRAVEL.

TYPE OF BENEFIT: HEALTH CLUB FEES. THIS IS A BENEFIT OFFERED TO ALL EMPLOYEES. THERE WERE FIVE LISTED PERSONS WHO ELECTED TO UTILIZE THIS BENEFIT. THE BENEFIT WAS TREATED AS TAXABLE COMPENSATION TO EACH LISTED PERSON.

TYPE OF BENEFIT: SOCIAL CLUB DUES. THE ACS PAID FOR SOCIAL CLUB MEMBERSHIP DUES FOR THE THREE STAFF OFFICERS. THE PAYMENTS WERE TREATED AS ORDINARY AND NECESSARY BUSINESS EXPENSES. THE ACS AND THE THREE

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

OFFICERS USED THE CLUB'S FACILITIES TO CONDUCT ACS BUSINESS ACTIVITIES.

THE BENEFIT WAS NOT TREATED AS TAXABLE COMPENSATION FOR EACH EMPLOYEE.

ACS DOES NOT REIMBURSE EXPENSES INCURRED FOR PERSONAL USE.

PART I, LINE 4B:

NAMES OF LISTED PERSONS WHO PARTICIPATED IN, OR RECEIVED PAYMENTS FROM, A

SUPPLEMENTAL NONQUALIFIED RETIREMENT PLAN:

MR. BRIAN A. BERNSTEIN: AMOUNT PAID - \$36,443; AMOUNT ACCRUED -NONE

DR. BRIAN D. CRAWFORD: AMOUNT PAID - \$24,188; AMOUNT ACCRUED -NONE

TERMS AND CONDITIONS: THE ACS SUPPLEMENTAL EXECUTIVE RETIREMENT PLAN

(SERP) PROVIDES ELIGIBLE EMPLOYEES BENEFITS TAXABLE UNDER SECTION 457(F)

OF THE CODE TO SUPPLEMENT RETIREMENT BENEFITS UNDER THE ACS'S

TAX-QUALIFIED RETIREMENT PLAN THAT ARE LOST BECAUSE OF THE APPLICATION OF

CERTAIN DOLLAR LIMITATIONS APPLICABLE TO BENEFITS OF MANAGEMENT OR HIGHLY

COMPENSATED EMPLOYEES UNDER THE ACS'S TAX-QUALIFIED RETIREMENT PLAN.

**SCHEDULE M
(Form 990)**

Department of the Treasury
Internal Revenue Service

Noncash Contributions

- ▶ **Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.**
▶ **Attach to Form 990.**
▶ **Go to www.irs.gov/Form990 for the latest information.**

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art - Works of art				
2 Art - Historical treasures				
3 Art - Fractional interests				
4 Books and publications	X		14,951.	FMV
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities - Publicly traded	X	4.	15,749.	FMV
10 Securities - Closely held stock				
11 Securities - Partnership, LLC, or trust interests				
12 Securities - Miscellaneous				
13 Qualified conservation contribution - Historic structures				
14 Qualified conservation contribution - Other				
15 Real estate - Residential				
16 Real estate - Commercial				
17 Real estate - Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts				
23 Scientific specimens				
24 Archeological artifacts				
25 Other ▶ (ATCH 1)		5.	3,391.	
26 Other ▶ ()				
27 Other ▶ ()				
28 Other ▶ ()				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29**

	Yes	No
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which isn't required to be used for exempt purposes for the entire holding period?		X
b If "Yes," describe the arrangement in Part II.		
31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?	X	
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		X
b If "Yes," describe in Part II.		
33 If the organization didn't report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II.		

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule M (Form 990) (2017)

JSA

7E1298 1.000

0006FE F48R 11/8/2018 9:03:11 AM V 17-7.2F

PAGE 65

Part II **Supplemental Information.** Provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.

ATTACHMENT 1SCHEDULE M, PART I - OTHER NONCASH CONTRIBUTIONS

<u>DESCRIPTION</u>	<u>(A) CHECK</u>	<u>(B) NUMBER OF CONTRIBUTIONS</u>	<u>(C) REVENUES REPORTED</u>	<u>(D) METHOD OF DETERMINING</u>
LAB SUPPLIES/EQUIPMENT	X	5.	3,391.	FMV
TOTALS		<u>5.</u>	<u>3,391.</u>	

SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Name of the organization

AMERICAN CHEMICAL SOCIETY

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

OMB No. 1545-0047

2017

**Open to Public
Inspection**

Employer identification number

53-0196572

PART III, LINE 4D

OTHER PROGRAM SERVICES INCLUDES THE AMERICAN CHEMICAL SOCIETY (ACS) MEMBER INSURANCE PROGRAM, ALSO KNOWN AS THE ACS GROUP LIFE INSURANCE TRUST, WHICH PROVIDES MEMBERS WITH INSURANCE COVERAGE THROUGH GROUP INSURANCE POLICIES. OFFERINGS INCLUDE LIFE, TEN - AND TWENTY - YEAR LEVEL TERM LIFE, HIGH LIMIT ACCIDENTAL DEATH AND DISMEMBERMENT, HOSPITAL INDEMNITY, DISABILITY PROTECTION, SUPPLEMENTAL HEALTH, PROFESSIONAL LIABILITY, AND AUTO/HOMEOWNERS INSURANCE.

PART V, LINE 4A & 4B:

AT ANY TIME DURING THE CALENDAR YEAR, DID THE ORGANIZATION HAVE AN INTEREST IN, OR A SIGNATURE OR OTHER AUTHORITY OVER, A FINANCIAL ACCOUNT IN A FOREIGN COUNTRY (SUCH AS A BANK ACCOUNT, SECURITIES ACCOUNT, OR OTHER FINANCIAL ACCOUNT)? YES.

IF "YES" ENTER THE NAME OF THE FOREIGN COUNTRY: UNITED KINGDOM

IN 2017, THE ACS MAINTAINED BANK ACCOUNTS IN THE UNITED KINGDOM FOR PURPOSES OF COLLECTING REVENUE AND PAYING EXPENSES DENOMINATED IN FOREIGN CURRENCIES.

PART VI, SECTION A - GOVERNING BODY AND MANAGEMENT LINE 2:

DID ANY OFFICER, DIRECTOR, TRUSTEE, OR KEY EMPLOYEE HAVE A FAMILY

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

RELATIONSHIP OR A BUSINESS RELATIONSHIP WITH ANY OTHER OFFICER, DIRECTOR, TRUSTEE, OR KEY EMPLOYEE? YES.

IN 2017, THE FOLLOWING INDIVIDUALS HAD BUSINESS RELATIONSHIPS BY SERVING TOGETHER (IN AN UNPAID CAPACITY) ON THE BOARD OF AN ACS RELATED ORGANIZATION, ACS INTERNATIONAL LTD.(ACSI): DR. THOMAS CONNELLY JR.(ACSI CHAIR OF THE BOARD), MANUEL GUZMAN (ACSI PRESIDENT AND DIRECTOR), AND FLINT LEWIS (ACSI DIRECTOR). BRIAN BERNSTEIN SERVED AS AN ACSI OFFICER (SECRETARY/TREASURER). THEY RECEIVED NO COMPENSATION FOR THEIR SERVICE AS DIRECTOR OR OFFICER OF ACSI.

LINE 6:

DID THE ORGANIZATION HAVE MEMBERS OR STOCKHOLDERS? YES.

THE AMERICAN CHEMICAL SOCIETY IS A FEDERALLY CHARTERED NOT-FOR-PROFIT CORPORATION WHOSE MEMBERSHIP IS OPEN TO INDIVIDUALS WHO ARE INTERESTED IN THE OBJECTS OF ACS AND WHO MEET THE REQUIREMENTS FOR MEMBERS OR STUDENT MEMBERS, AS PROVIDED IN THE ACS CONSTITUTION AND BYLAWS. THE ACS MAY APPROVE FOR MEMBER A PERSON WHO MEETS ANY OF THE REQUIREMENTS FOR FORMAL TRAINING, EXPERIENCE, OR EMPLOYMENT IN A CHEMICAL SCIENCE OR IN A RELATED FIELD OF NATURAL SCIENCE, ENGINEERING, TECHNOLOGY, OR SCIENCE EDUCATION. NATURAL SCIENCES ARE THOSE THAT DEAL WITH MATTER, ENERGY, AND THEIR INTERRELATIONSHIPS AND TRANSFORMATIONS.

THE ACS MAY APPROVE FOR STUDENT MEMBER, A PERSON WHO IS ACTIVELY WORKING

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

TOWARD AN UNDERGRADUATE DEGREE IN A CHEMICAL SCIENCE OR IN A RELATED FIELD OF NATURAL SCIENCE, ENGINEERING, TECHNOLOGY, OR SCIENCE EDUCATION FROM AN APPROPRIATELY ACCREDITED EDUCATIONAL INSTITUTION, OR ONE ACCEPTABLE TO THE ACS.

IN 2017, THE FOLLOWING CATEGORIES OF MEMBERS HAD THE RIGHT TO ELECT THE MEMBERS OF THE GOVERNING BODY OR THEIR DELEGATES:

- REGULAR MEMBER - A PERSON THAT HAS A DEGREE OR CERTIFICATION IN CHEMICAL OR RELATED SCIENCES; OR CERTIFICATION AS A TEACHER OF A CHEMICAL SCIENCE.

- UNDERGRADUATE STUDENT MEMBER - A PERSON ACTIVELY WORKING TOWARD AN UNDERGRADUATE DEGREE IN CHEMISTRY OR IN A RELATED ACADEMIC DISCIPLINE, SHALL BE ENTITLED TO A FIVE-SIXTH DISCOUNT ON DUES. AN UNDERGRADUATE STUDENT MEMBER IS ENTITLED TO ALL PRIVILEGES OF MEMBERSHIP EXCEPT THAT OF HOLDING AN ELECTIVE POSITION OF THE ACS, ITS LOCAL SECTIONS, OR ITS DIVISIONS, AND THE PRIVILEGE OF SERVING AS TEMPORARY SUBSTITUTE COUNCILOR.

LINE 7A:

DID THE ORGANIZATION HAVE MEMBERS, STOCKHOLDERS, OR OTHER PERSONS WHO HAD THE POWER TO ELECT OR APPOINT ONE OR MORE MEMBERS OF THE GOVERNING BODY?

YES

AS DESCRIBED ON LINE 6, ACS MEMBERS, OR THEIR ELECTED MEMBER REPRESENTATIVES ("COUNCILORS") FROM ACS LOCAL SECTIONS AND DIVISIONS, ELECT ACS BOARD MEMBERS. ALL ACS MEMBERS BECOME MEMBERS OF ACS DIVISIONS

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

AND LOCAL SECTIONS. A DIVISION IS A GROUP OF 50 OR MORE MEMBERS WITH A COMMON INTEREST IN A PARTICULAR FIELD OF SOCIETY INTEREST AUTHORIZED BY THE ACS COUNCIL. A LOCAL SECTION IS A GROUP OF 50 OR MORE MEMBERS COVERING A TERRITORY APPROVED BY THE ACS COUNCIL.

IN 2017, THE ACS HAD 149,123 MEMBERS WHO WERE EITHER A REGULAR MEMBER OR AN UNDERGRADUATE STUDENT MEMBER, WHO ELECT THE ACS PRESIDENT-ELECT. IN ADDITION TO THE PRESIDENT-ELECT, THERE ARE TWO EX-OFFICIO VOTING MEMBERS OF THE BOARD OF DIRECTORS: THE CURRENT PRESIDENT AND THE MOST RECENT PAST PRESIDENT (BOTH ELECTED BY THE MEMBERSHIP IN PRIOR YEARS). THE SIX DISTRICT DIRECTORS, WHO ALSO SERVE ON THE ACS BOARD, ARE ELECTED BY THE MEMBERS OF THE SIX GEOGRAPHICAL DISTRICTS AS PROVIDED IN THE BYLAWS, FROM WHICH THEY ARE TO SERVE.

IN ADDITION, THE SIX DIRECTORS-AT-LARGE ARE ELECTED BY THE COUNCIL. THE ACS COUNCIL IS COMPOSED OF THE ACS PRESIDENT, THE PRESIDENT-ELECT, THE DIRECTORS, THE PAST PRESIDENTS, THE EXECUTIVE DIRECTOR, THE SECRETARY, AND THE COUNCILORS REPRESENTING ACS DIVISIONS AND LOCAL SECTIONS, ALL OF WHOM SHALL BE KNOWN AS VOTING COUNCILORS, IF MEMBERS OF THE ACS.

COUNCILORS ARE ELECTED BY DIVISION AND LOCAL SECTION MEMBERS (IN 2017, ACS HAD 32 DIVISIONS AND 185 LOCAL SECTIONS). TWENTY PERCENT OF ELECTED COUNCILORS ARE ELECTED BY DIVISIONS AND 80% ARE ELECTED BY LOCAL SECTIONS.

PART VI, SECTION B - POLICIES, LINE 11B:

DESCRIBE IN SCHEDULE O THE PROCESS, IF ANY, USED BY THE ORGANIZATION TO

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

REVIEW THIS FORM 990.

THE ACS FORM 990, INCLUDING REQUIRED SCHEDULES AND SUPPORTING DOCUMENTATION, WAS PREPARED BY THE ACS TAX COMPLIANCE AND REPORTING OFFICE (TAX OFFICE). A DETAILED REVIEW OF THE RETURN WAS CONDUCTED BY THE ASSISTANT DIRECTOR, FINANCIAL SERVICES, AND THE DIRECTOR OF FINANCE & ACS CONTROLLER. THE RETURN WAS THEN REVIEWED BY MEMBERS OF ACS SENIOR MANAGEMENT INCLUDING THE TREASURER & CHIEF FINANCIAL OFFICER, EXECUTIVE VICE PRESIDENT, HUMAN RESOURCES, DIRECTOR OF EXTERNAL AFFAIRS & COMMUNICATION, SECRETARY & GENERAL COUNSEL, AND EXECUTIVE DIRECTOR & CEO. IN ADDITION, THE RETURN WAS REVIEWED BY THE SOCIETY'S EXTERNAL TAX ADVISERS, KPMG LLP. PRIOR TO THE FILING OF THE RETURN WITH THE INTERNAL REVENUE SERVICE, A COPY OF THE FINAL FORM 990 AND REQUIRED SCHEDULES WAS MADE AVAILABLE TO EACH MEMBER OF THE BOARD OF DIRECTORS AND EACH MEMBER OF THE AUDIT COMMITTEE FOR THEIR REVIEW.

LINE 12C:

DID THE ORGANIZATION REGULARLY AND CONSISTENTLY MONITOR AND ENFORCE COMPLIANCE WITH THE CONFLICT OF INTEREST POLICY? YES.

IF "YES", DESCRIBE IN SCHEDULE O HOW THIS IS DONE.

PURSUANT TO ACS BOARD REGULATIONS, DIRECTORS, OFFICERS, KEY EMPLOYEES, AND MEMBERS OF TWO ACS COMMITTEES AND ONE GOVERNING BOARD (THE COMMITTEE ON BUDGET AND FINANCE, THE COMMITTEE ON EDUCATION AND THE GOVERNING BOARD FOR PUBLISHING) ARE REQUIRED TO ANNUALLY SUBMIT A COMPLETED CONFLICT OF

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

INTEREST DISCLOSURE FORM. THE ACS SECRETARY & GENERAL COUNSEL REVIEWS EACH OF THE FORMS (EXCEPT HIS/HER OWN, WHICH IS REVIEWED BY THE EXECUTIVE DIRECTOR & CEO) AND ASSESSES WHETHER AN ACTUAL OR POTENTIAL CONFLICT OF INTEREST EXISTS/MAY EXIST AND WHETHER THE INDIVIDUAL SHOULD REFRAIN FROM CONSIDERATION OF RELATED ITEMS.

WHENEVER ANY BUSINESS MATTER, WHICH IS TO BE CONSIDERED BY BOARD-RELATED BODIES, OFFICERS, OR KEY EMPLOYEES, INVOLVES ACTIVITIES OR INFORMATION THAT MIGHT DIRECTLY OR INDIRECTLY PLACE A PARTICIPANT IN A SPECIAL CONFLICT OF INTEREST, THEN THE AFFECTED INDIVIDUAL SHALL REFRAIN FROM PARTICIPATING IN THE CONSIDERATION OF, OR ANY VOTING UPON, SUCH MATTER.

THE ACS POLICIES AND PROCEDURES MANUAL INCLUDES A CONFLICT OF INTEREST POLICY APPLICABLE TO ALL ACS EMPLOYEES. ADDITIONALLY, ON AN ANNUAL BASIS, ACS EMPLOYEES IN KEY POSITIONS ARE REQUIRED TO READ, REAFFIRM THEIR UNDERSTANDING OF THE ACS CONFLICT OF INTEREST POLICY, AND, IF APPLICABLE, TO SUBMIT A COMPLETED CONFLICT OF INTEREST DISCLOSURE FORM. DISCLOSURE FORMS MAY BE REVIEWED BY A COMBINATION OF HUMAN RESOURCES, GENERAL COUNSEL, AND THE EMPLOYEE'S MANAGEMENT CHAIN, AS APPROPRIATE, TO DETERMINE WHETHER AN ACTUAL OR POTENTIAL CONFLICT OF INTEREST EXISTS/MAY EXIST AND HOW TO RELIEVE ANY GENUINE CONFLICT.

UNDER ACS POLICY, A CONFLICT OF INTEREST OCCURS WHEN AN EMPLOYEE PERMITS THE POSSIBILITY OF GAIN TO HIMSELF OR HIS IMMEDIATE FAMILY, OR PERMITS OTHERS TO HAVE INFLUENCE OVER HIS JUDGMENT WHEN CARRYING OUT DUTIES ON

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

BEHALF OF THE SOCIETY. AN ACTION MAY CONSTITUTE A CONFLICT OF INTEREST WITHOUT BEING IN VIOLATION OF ANY LAWS, RULES, OR REGULATIONS. IF AN EMPLOYEE HAS QUESTIONS ABOUT OUTSIDE ACTIVITIES THAT MAY CONFLICT WITH THE SOCIETY'S INTERESTS, THE EMPLOYEE IS REQUIRED TO CONSULT WITH HUMAN RESOURCES IN WRITING AND RECEIVES A FORMAL WRITTEN RESPONSE.

LINE 15:

DID THE PROCESS FOR DETERMINING COMPENSATION OF THE FOLLOWING PERSONS INCLUDE A REVIEW AND APPROVAL BY INDEPENDENT PERSONS, COMPARABILITY DATA, AND CONTEMPORANEOUS SUBSTANTIATION OF THE DELIBERATION AND DECISION?

LINE 15A: THE ORGANIZATION'S CEO, EXECUTIVE DIRECTOR, OR TOP MANAGEMENT OFFICIAL - YES.

LINE 15B: OTHER OFFICERS OR KEY EMPLOYEES OF THE ORGANIZATION - YES

IF "YES" TO LINE 15A OR 15B, - DESCRIBE THE PROCESS IN SCHEDULE O,

- IDENTIFY THE OFFICES OR POSITIONS FOR WHICH THE PROCESS WAS USED TO ESTABLISH COMPENSATION OF THE PERSONS WHO SERVED IN THOSE OFFICES OR POSITIONS,

- ENTER THE YEAR IN WHICH THE PROCESS WAS LAST UNDERTAKEN FOR EACH SUCH PERSON.

THE ACS BOARD OF DIRECTORS DETERMINES THE SALARIES AND INCENTIVE PAY OF

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

THE ORGANIZATION'S EXECUTIVE DIRECTOR & CEO, TOP MANAGEMENT OFFICIALS,
OTHER OFFICERS, AND KEY EMPLOYEES.

THE ACS BOARD OF DIRECTORS IS ADVISED ON THE SALARIES AND INCENTIVE
PAYMENTS FOR THE EXECUTIVE DIRECTOR & CEO, OFFICERS, TOP MANAGEMENT
OFFICIALS, AND KEY EMPLOYEES BY THE ACS COMMITTEE ON EXECUTIVE
COMPENSATION. MEMBERS OF THIS COMMITTEE INCLUDE NONPAID ACS MEMBERS -
THE ACS PRESIDENT-ELECT, THE ACS PRESIDENT, THE ACS PAST PRESIDENT, THE
CHAIR OF THE ACS BUDGET & FINANCE COMMITTEE, AND TWO ACS MEMBERS WITH
"EXPERTISE IN SENIOR AND EXECUTIVE STAFF COMPENSATION ISSUES" WHO ARE
APPOINTED BY THE ACS BOARD CHAIR - AS WELL AS THE EXECUTIVE DIRECTOR &
CEO WHO SERVES EX OFFICIO (NON-VOTING). THE CHAIR OF THIS COMMITTEE IS
APPOINTED BY THE ACS BOARD CHAIR FROM AMONG THE COMMITTEE MEMBERS.

IN ADDITION, THE COMMITTEE ON EXECUTIVE COMPENSATION IS ADVISED ON THE
SALARY AND INCENTIVE PAYMENT FOR THE EXECUTIVE DIRECTOR & CEO BY A
SUBCOMMITTEE OF THE ACS BOARD'S EXECUTIVE COMMITTEE - THE COMMITTEE TO
REVIEW THE EXECUTIVE DIRECTOR (CRED). MEMBERS OF THIS SUBCOMMITTEE
INCLUDE THE ACS BOARD CHAIR, THE ACS PRESIDENT-ELECT, THE ACS PRESIDENT,
THE ACS IMMEDIATE PAST PRESIDENT (PRESIDENTIAL SUCCESSION FROM
PERFORMANCE YEAR) AND THE LONGEST TENURED BOARD MEMBER WHO IS AN ELECTED
MEMBER OF THE BOARD'S EXECUTIVE COMMITTEE (FOR PERFORMANCE YEAR UNDER
CONSIDERATION). THE CHAIR OF THIS SUBCOMMITTEE IS THE ACS BOARD CHAIR.

THE TOTAL CASH COMPENSATION FOR ACS'S EXECUTIVE POSITIONS IS REGULARLY

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

BENCHMARKED AGAINST COMPARABLE EXECUTIVE POSITIONS USING INDEPENDENTLY
PUBLISHED COMPENSATION SURVEY DATA AND INDEPENDENT EXECUTIVE CONSULTANTS.

THE SALARY INCREASES AND INCENTIVE PAYMENTS FOR THE EXECUTIVE DIRECTOR &
CEO, OFFICERS, TOP MANAGEMENT OFFICIALS, AND KEY EMPLOYEES IN 2017 WERE
BASED ON THE 2016 PERFORMANCE YEAR AND WERE REVIEWED BY THE COMMITTEE ON
EXECUTIVE COMPENSATION AND THE ACS BOARD. THE COMMITTEE AND BOARD VOTED
ON THESE INCREASES AND INCENTIVES WHICH WERE DOCUMENTED IN THE MINUTES
FROM THE COMMITTEE AND BOARD MEETINGS. THE SALARY INCREASE AND INCENTIVE
PAYMENT FOR THE EXECUTIVE DIRECTOR & CEO WERE ALSO REVIEWED BY THE CRED
SUBCOMMITTEE. THE WRITTEN PERFORMANCE REVIEWS AND RELATED DOCUMENTATION
WERE PROVIDED TO THE COMMITTEE MEMBERS AND THE ACS BOARD OF DIRECTORS.
SALARY INCREASES FOR 2017 FOR ACS EXECUTIVES WERE PROCESSED AT THE END OF
THE FIRST QUARTER OF 2018.

PART VI, SECTION C - DISCLOSURE, LINE 19:

DESCRIBE IN SCHEDULE O WHETHER (AND IF SO, HOW) THE ORGANIZATION MAKES
ITS GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY, AND FINANCIAL
STATEMENTS AVAILABLE TO THE PUBLIC.

THE AMERICAN CHEMICAL SOCIETY'S CHARTER, CONSTITUTION, BYLAWS,
REGULATIONS, WRITTEN CONFLICT OF INTEREST POLICY CONTAINED WITHIN ITS
REGULATIONS, AND AUDITED FINANCIAL STATEMENTS ARE AVAILABLE TO THE PUBLIC
THROUGH THE ORGANIZATION'S WEBSITE AT [HTTPS://WWW.ACS.ORG](https://www.acs.org). THE ACS HUMAN

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

RESOURCES POLICIES AND PROCEDURES, AVAILABLE ONLY FOR EMPLOYEES AND NOT
AVAILABLE TO THE PUBLIC, INCLUDE A WRITTEN CONFLICT OF INTEREST POLICY
UNDER THE CODE OF ETHICS POLICY.

PART XI, LINE 9

OTHER CHANGES IN NET ASSETS OR FUND BALANCES:

CHANGE IN PENSION FUNDING STATUS \$14,155,180

ADJUSTMENT OF PLEDGES RECEIVABLES \$10,000

GRANT REFUNDS \$215,464

ADJUSTMENTS TO CONTRIBUTIONS \$38,756

LINE 9, OTHER CHANGES IN NET ASSETS \$14,399,700

ATTACHMENT 1FORM 990, PART III - PROGRAM SERVICE, LINE 4A

INFORMATION SERVICES -

THE AMERICAN CHEMICAL SOCIETY (ACS) ACHIEVES ITS GOAL TO BE AN
INDISPENSABLE PROFESSIONAL AND INFORMATION RESOURCE FOR MEMBERS
AND OTHER CHEMISTRY-RELATED PRACTITIONERS THROUGH TWO PUBLISHING
DIVISIONS, CHEMICAL ABSTRACTS SERVICE (CAS) AND ACS PUBLICATIONS.
THESE DIVISIONS PROVIDE SIGNIFICANT SERVICES TO ACS MEMBERS AND
THE GLOBAL SCIENTIFIC COMMUNITY WITH ACCURATE, TIMELY, AND
AUTHORITATIVE CHEMICAL AND RELATED SCIENTIFIC INFORMATION.

FOR MORE THAN 110 YEARS, CAS HAS BEEN ANALYZING THE WORLD'S
SCIENTIFIC CONTENT AND ADVANCING NEW SEARCH TECHNOLOGIES TO MAKE

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

ATTACHMENT 1 (CONT'D)

INFORMATION MORE ACCESSIBLE. AS A GLOBAL HUB FOR BIG CHEMISTRY DATA, CAS OFFERS SECURE, RELIABLE SYSTEMS BACKED BY PROPRIETARY CUTTING-EDGE TECHNOLOGY.

CAS'S STRENGTH COMES FROM ITS PEOPLE:

- HUNDREDS OF SCIENTISTS SPEND HOURS ANALYZING PUBLISHED LITERATURE
- TECH EXPERTS MANAGE DATA AND BUILD NEW TECHNOLOGIES TO TACKLE THE UNIQUE CHALLENGES OF SCIENTIFIC CONTENT
- AS A DIVISION OF THE AMERICAN CHEMICAL SOCIETY, CAS KNOWLEDGE OF SCIENTIFIC INFORMATION FAR EXCEEDS ANY OTHER ORGANIZATION

TOP GLOBAL RESEARCH-AND INNOVATION-FOCUSED ORGANIZATIONS TRUST CAS TO DELIVER THE INFORMATION THEY NEED, FROM FORTUNE 500 COMPANIES TO THE WORLD'S LEADING CONTRACT RESEARCH ORGANIZATIONS AND PATENT OFFICES TO TOP RESEARCH UNIVERSITIES AND LAW FIRMS, AMONG OTHERS.

THE CAS REGISTRY(SM) IS THE LARGEST AND MOST AUTHORITATIVE COLLECTION OF CHEMICAL SUBSTANCE INFORMATION AVAILABLE TO RESEARCHERS. IN ADDITION TO COVERING SUBSTANCES FROM JOURNALS AND PATENTS, CAS REGISTRY INCLUDES SUBSTANCES FROM CHEMICAL CATALOGS, WORLDWIDE GOVERNMENTAL REGULATORY AGENCIES AND REPUTABLE WEB RESOURCES. CAS REGISTRY NOW CONTAINS MORE THAN 130 MILLION UNIQUE ORGANIC AND INORGANIC SUBSTANCES.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 1 (CONT'D)

IN 2017, CAS HAD MAJOR UPGRADES TO STN® AND SCIFINDER®, THE PRODUCTS FOR SEARCHING THE WORLD'S DISCLOSED SCIENTIFIC AND TECHNICAL RESEARCH. CAS'S BROAD-BASED, EASY TO USE WORKFLOW SOLUTIONS DRIVE DISCOVERY AND DEEP INSIGHTS FOR THE SCIENTIFIC ENTERPRISE THAT LEAD TO INNOVATIONS RANGING FROM PRODUCT IMPROVEMENTS TO REVELATIONS THAT SOLVE SOME OF THE WORLD'S BIGGEST PROBLEMS IN AREAS FROM TREATMENT OF DISEASE TO SUSTAINABLE ENERGY TO GLOBAL FOOD SUPPLY NEEDS. CAS ALSO BRINGS THE UNIQUE CAPABILITY TO DESIGN CUSTOM SOLUTIONS THAT COMBINE THE RIGHT CONTENT, SPECIALIZED TECHNOLOGIES AND PROVEN SUBJECT MATTER EXPERTISE WHICH HELP CAS CUSTOMERS CAPTURE MORE OPPORTUNITY AND ACCELERATE RESULTS.

THROUGH AN UNPARALLELED COMMITMENT TO QUALITY, RELIABILITY, AND INNOVATION, ACS PUBLICATIONS SERVES AS THE LEADING PUBLISHER OF OVER 50 PEER-REVIEWED RESEARCH JOURNALS IN THE CHEMICAL AND RELATED SCIENCES, AND CHEMICAL & ENGINEERING NEWS (C&EN), THE LEADING NEWS MAGAZINE OF THE CHEMICAL WORLD. THROUGH ITS JOURNALS, ACS PROVIDES THE GLOBAL SCIENTIFIC COMMUNITY WITH HIGHLY VALUED INFORMATION IN A COST-EFFECTIVE MANNER TO FOSTER SCHOLARSHIP AND DISCOVERY IN THE CHEMICAL SCIENCES AND RELATED DISCIPLINES.

IN 2017, THE DIVISION CONTINUED ITS STRONG RECORD OF SERVICE TO THE GLOBAL COMMUNITY OF RESEARCHERS IN THE CHEMICAL AND RELATED SCIENCES. MORE THAN 45,000 ARTICLES WERE SELECTED FOR PUBLICATION

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 1 (CONT'D)

WITHIN THE SOCIETY'S PEER-REVIEWED JOURNALS, THROUGH A RIGOROUS EDITORIAL PROCESS THAT HAS SOLIDIFIED THE SOCIETY'S PUBLISHING PORTFOLIO AS ONE OF PREEMINENCE IN TERMS OF BOTH SUBSEQUENT LITERATURE CITATIONS AND IMPACT FACTOR RANKING METRICS.

ACS JOURNALS CONTINUE TO BE THE MOST-CITED AND/OR IMPACTFUL SCIENTIFIC JOURNALS IN 14 SCIENTIFIC CATEGORIES, INCLUDING 6 CORE CHEMISTRY CATEGORIES (ANALYTICAL, APPLIED, INORGANIC & NUCLEAR, MEDICINAL, MULTIDISCIPLINARY, AND ORGANIC), ACCORDING TO THE 2016 JOURNAL CITATION REPORTS® (JCR), RELEASED BY CLARIVATE ANALYTICS. TWO THIRDS OF ACS JOURNALS FEATURED IN THE REPORT ACHIEVED A JOURNAL IMPACT FACTOR OF 4.0 OR HIGHER AND OVER 85% OF ACS JOURNALS IN THE REPORT RANKED IN THE TOP QUARTILE OF THEIR TOPICAL CATEGORIES.

REINFORCING ITS COMMITMENT TO PUBLISHING THE BEST PEER-REVIEWED SCIENTIFIC RESEARCH, THE PUBLICATIONS DIVISION LAUNCHED ACS REVIEWER LAB, AN ONLINE COURSE CREATED TO HELP EDUCATE RESEARCHERS ON THE FUNDAMENTALS OF SCHOLARLY PEER REVIEW.

ACS PUBLICATIONS OPEN ACCESS OFFERINGS CONTINUE TO THRIVE AND EXPAND ACS' GLOBAL REACH. CHEMRXIV(TM), A NEW CHEMISTRY PREPRINT SERVER FOR THE GLOBAL CHEMISTRY COMMUNITY, WAS LAUNCHED FOR USE AND FEEDBACK BY RESEARCHERS. CHEMRXIV (TM) FACILITATES THE RAPID AND OPEN DISSEMINATION OF IMPORTANT SCIENTIFIC FINDINGS AHEAD OF

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 1 (CONT'D)

FORMAL PEER REVIEW AND PUBLICATION, AND HELPS RESEARCHERS ATTRACT CONSTRUCTIVE FEEDBACK FROM PEERS AND ESTABLISH PRIORITY IN COMPETITIVE FIELDS. EACH PREPRINT CARRIES AN ASSOCIATED ALTMETRIC BADGE AND ATTENTION SCORE. IN 2017, CHEMRXIV(TM) REACHED MORE THAN 100,000 TOTAL PREPRINT VIEWS/DOWNLOADS.

ACS CENTRAL SCIENCE CONTINUED ITS PROGRESS TO BECOME THE PREEMINENT OPEN ACCESS JOURNAL IN CHEMISTRY, AND ONE OF THE MOST IMPACTFUL JOURNALS IN THE ACS PORTFOLIO. THE JOURNAL ENJOYED DOUBLE-DIGIT GROWTH IN PUBLISHED PEER-REVIEWED CONTENT IN 2017 WITH MORE THAN 60% OF USAGE FROM OUTSIDE THE UNITED STATES AND 70 NEWS OUTLETS HAVE COVERED RESEARCH FINDINGS FIRST MADE AVAILABLE IN THE JOURNAL. ACS OMEGA, THE SOCIETY'S SECOND FULLY OPEN ACCESS JOURNAL, CONTINUED TO EXPERIENCE POSITIVE GROWTH IN SUBMISSIONS AND PUBLISHED ARTICLES. FURTHER EXPANDING THE GLOBAL REACH OF THE ACS PUBLICATIONS PORTFOLIO, ACS EARTH AND SPACE CHEMISTRY LAUNCHED IN 2017.

THE YEAR 2017 MARKED THE FIRST YEAR ACS JOURNALS RECORDED 100,000,000 OR MORE COUNTER-COMPLIANT DOWNLOADS OF ARTICLES TO USERS - A DOUBLE-DIGIT INCREASE OVER 2016. READERS WORLDWIDE VIEWED 210 MILLION ABSTRACTS FROM ACROSS OUR ONLINE PLATFORM.

IN 2017, C&EN INTRODUCED C&EN BRANDLAB, A PUBLISHING STUDIO DESIGNED TO HELP ADVERTISERS CREATE CUSTOM BRANDED CONTENT SUCH AS

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 1 (CONT'D)

WHITE PAPERS, SHOW DAILY NEWSPAPERS, AND NATIVE ADVERTISING FEATURES. IN ADDITION, C&EN GLOBAL ENTERPRISE WENT LIVE IN 2017, EXPANDING THE REACH OF C&EN TO THE 2,500 INSTITUTIONS AROUND THE GLOBE THAT SUBSCRIBE TO ACS'S ALL-PUBLICATIONS PACKAGE. C&EN ALSO INCREASED ITS SPANISH CONTENT IN 2017 AND PUBLISHED CHINESE VERSIONS OF SELECTED STORIES ON ACS'S WECHAT PLATFORM. TRAFFIC TO THE C&EN WEBSITE INCREASED AGAIN IN 2017 TO MORE THAN 3 MILLION UNIQUE USERS AND C&EN NEWSLETTERS CONTINUE TO DRIVE READERS TO C&EN'S GROWING BODY OF DIGITAL FIRST AND DIGITAL ONLY CONTENT.

ATTACHMENT 2FORM 990, PART III - PROGRAM SERVICE, LINE 4B

EDUCATION AND MEMBERSHIP

SUPPORTING EXCELLENCE IN EDUCATION IS A STRATEGIC GOAL OF ACS. ACS RESOURCES, SERVICES, AND PRODUCTS FOSTER THE DEVELOPMENT OF INNOVATIVE, RELEVANT, AND EFFECTIVE CHEMISTRY AND CHEMISTRY-RELATED EDUCATION THAT PREPARES A SCIENTIFICALLY LITERATE CITIZENRY AND HIGHLY QUALIFIED CHEMICAL WORKFORCE READY TO ADDRESS GLOBAL CHALLENGES.

IN 2017, ACS REACHED OUT TO NUMEROUS ELEMENTARY AND SECONDARY SCHOOL STUDENTS AND TEACHERS IN NEW AND INNOVATIVE WAYS. ACS PROVIDED A NEW GENERATION OF UNDERGRADUATE AND GRADUATE STUDENTS AND FACULTY WITH OPPORTUNITIES TO LEARN SKILLS THAT THEY WILL NEED TO COMPETE AND SUCCEED AS THEY MOVE FORWARD WITH THEIR CAREERS.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 2 (CONT'D)

THE AMERICAN ASSOCIATION OF CHEMISTRY TEACHERS (AACT,) LAUNCHED IN 2014, IS THE FIRST NATIONAL, CHEMISTRY-SPECIFIC ASSOCIATION OF ITS KIND DEDICATED TO K-12 TEACHERS. AACT ENDED 2017 WITH MORE THAN 4,800 MEMBERS, 88 PERCENT OF WHOM ARE K-12 TEACHERS. IN 2017, THE NUMBER OF MEMBERS WITH FEWER THAN FIVE YEARS OF TEACHING EXPERIENCE INCREASED NEARLY 7%.

ONE OF ACS'S MOST SUCCESSFUL EFFORTS, THE ACS SCHOLARS PROGRAM, CONTINUES TO HELP UNDERREPRESENTED MINORITY STUDENTS ACHIEVE THEIR DREAMS OF OBTAINING DEGREES AND CAREERS IN A BROAD RANGE OF CHEMICAL SCIENCES. IN ALL, NEARLY 3,000 AFRICAN-AMERICAN, HISPANIC/LATINO, AND NATIVE AMERICAN STUDENTS HAVE PARTICIPATED IN THE PROGRAM SINCE 1995. OF THOSE, 1,651 HAVE EARNED BACHELOR'S DEGREES IN A CHEMICAL SCIENCE AND MORE THAN 280 OF THESE ACS SCHOLARS HAVE GONE ON TO EARN DOCTORAL DEGREES IN CHEMISTRY, CHEMICAL ENGINEERING, OR A RELATED DISCIPLINE.

ANOTHER PREMIER PROGRAM, PROJECT SEED, OFFERS HIGH SCHOOL STUDENTS THE RARE OPPORTUNITY TO WORK IN ACADEMIC, GOVERNMENT, OR INDUSTRIAL RESEARCH LABORATORIES FOR AN EIGHT-TO-TEN WEEK TERM DURING THE SUMMER TO ENGAGE IN HANDS-ON SCIENCE RESEARCH PROJECTS UNDER THE SUPERVISION OF VOLUNTEER SCIENTISTS. IN 2017, OVER 400 VOLUNTEER SCIENTISTS AND COORDINATORS MENTORED 411 STUDENTS IN MORE THAN 130 INSTITUTIONS IN 36 STATES, THE DISTRICT OF COLUMBIA AND PUERTO RICO. FOR THE 2017-2018 SCHOOL YEAR, ACS AWARDED 27

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 2 (CONT'D)

PROJECT SEED COLLEGE SCHOLARSHIPS TO ALUMNI ENTERING THEIR FRESHMAN YEAR IN COLLEGE. THREE PROJECT SEED COLLEGE SCHOLARS RECEIVED THE CIBA SPECIALTY CHEMICALS SCHOLARSHIPS FOR THREE-RENEWABLE YEARS BEGINNING WITH THEIR SOPHOMORE YEAR.

CHEMIDP, AN ONLINE INDIVIDUAL DEVELOPMENT PLAN TOOL LAUNCHED IN 2015 AND DESIGNED SPECIFICALLY FOR GRADUATE STUDENTS AND POSTDOCS IN THE CHEMICAL SCIENCES, CONTINUED ITS EXPANSION IN 2017. TEN CHEMIDP WORKSHOPS WERE HELD AT ACS NATIONAL AND REGIONAL MEETINGS AND AT UNIVERSITIES ACROSS THE COUNTRY. THE ASSOCIATED WEB TOOL BECAME FULLY MOBILE COMPATIBLE, AND THE NUMBER OF USER ACCOUNTS DOUBLED, REACHING OVER 2,600 AT THE END OF 2017.

IN 2017, THE ACS STUDENT MEMBER MAGAZINE IN CHEMISTRY WAS REDESIGNED FOR DIGITAL DELIVERY. THE MOBILE-FRIENDLY PLATFORM FEATURES FREQUENTLY UPDATED CONTENT. IN ADDITION, THE US CHEMISTRY OLYMPIAD TEAM SET A RECORD, WINNING FOUR GOLD MEDALS AT THE 49TH INTERNATIONAL CHEMISTRY OLYMPIAD IN THAILAND.

THE 30TH ANNIVERSARY OF NATIONAL CHEMISTRY WEEK WAS CELEBRATED IN 2017. DISTRIBUTION OF THE CHILDREN'S PUBLICATION CELEBRATING CHEMISTRY INCREASED BY 29,000 COMPARED TO 2016.

ACS MEMBERSHIP & SOCIETY SERVICES (M&SS) PROGRAMS ARE ADMINISTERED WITH THE VISION THAT ACS WILL BE THE PREMIER PROFESSIONAL MEMBERSHIP ORGANIZATION FOR ALL PRACTITIONERS OF CHEMISTRY

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

ATTACHMENT 2 (CONT'D)

WORLDWIDE. AS OF DECEMBER 31, 2017, THE ACS HAD MORE THAN 150,000 MEMBERS.

MEMBERSHIP PROGRAMS ARE BUILT AROUND FOUR FUNDAMENTAL OBJECTIVES:

- ADVANCE THE CHEMICAL SCIENCES AND TECHNOLOGIES THROUGH THE DELIVERY OF HIGH-QUALITY PROGRAMS THAT PROVIDE CUTTING-EDGE TECHNICAL INFORMATION TO ALL PRACTITIONERS OF CHEMISTRY AND CHEMICAL ENGINEERING.
- COMMUNICATE THE VALUE OF CHEMISTRY AND CHEMICAL ENGINEERING TO THE PUBLIC BY PROVIDING EXCELLENT VOLUNTEER-BASED PROGRAMS AND ACTIVITIES TO MEMBERS, LOCAL SECTIONS AND TECHNICAL DIVISIONS.
- SUPPORT A DIVERSE COMMUNITY OF MULTIDISCIPLINARY CHEMICAL PROFESSIONALS THROUGH VALUE-BASED PROGRAMS, SERVICES AND INFORMATION THAT ALLOW CHEMICAL PRACTITIONERS TO DEVELOP AND MANAGE THEIR CAREERS IN A GLOBAL ENVIRONMENT.
- ADVANCE THE FRONTIERS OF OUR SCIENCE IN A MULTIDISCIPLINARY, INTERNATIONAL CONTEXT; ENSURE ADVANCES IN SCIENTIFIC KNOWLEDGE AND EDUCATION BENEFIT THE GLOBAL SCIENTIFIC COMMUNITY; AND FOSTER A LIFELONG CONNECTION AMONG INTERNATIONAL CHEMICAL PROFESSIONALS TO ACS.

IN 2017, THE ACS HELD TWO NATIONAL AND EIGHT REGIONAL MEETINGS. MORE THAN 31,000 PEOPLE COMBINED ATTENDED THE ACS NATIONAL MEETINGS. THE EIGHT REGIONAL MEETINGS ATTRACTED 5,881 ATTENDEES COMBINED, WITH 3,895 SCIENTIFIC PAPERS AND 229 EXHIBITING COMPANIES.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 2 (CONT'D)

MEMBERSHIP CONTINUED TO EXTEND ITS MULTIMEDIA BROADCAST PROGRAM WITH TWO "PROGRAM IN A BOX" EVENTS. THESE BROADCASTS HELPED LOCAL SECTIONS AND STUDENT CHAPTERS NATIONWIDE HOST ONSITE/ONLINE EVENTS FEATURING HIGH-VALUE ONLINE CONTENT. IN 2017, THESE TWO EVENTS ATTRACTED OVER 400 ACS STUDENT CHAPTERS, LOCAL SECTIONS, AND HIGH SCHOOL CHEMCLUBS TOTALING MORE THAN 7,000 PARTICIPANTS FOR THE LIVE EVENTS.

THE INAUGURAL ACS ASIA-PACIFIC INTERNATIONAL CHAPTERS CONFERENCE WAS HELD AT THE INTERNATIONAL CONVENTION CENTER IN JEJU, SOUTH KOREA. THE 10 ACS INTERNATIONAL CHEMICAL SCIENCES CHAPTERS IN THE ASIA-PACIFIC REGION, WITH EACH CHAPTER HAVING A PRESIDING SESSION ROLE, ORGANIZED THE GENERAL CHEMISTRY CONFERENCE.

THE ACS CAREER NAVIGATOR (TM) CONTINUES TO PROVIDE MEMBERS AND OTHER CHEMISTRY-RELATED PROFESSIONAL WITH A ONE-STOP-SHOP OF KEY RESOURCES TO HELP THEM SUCCEED IN THE GLOBAL CHEMISTRY ENTERPRISE WITH ALL STAGES OF THEIR CAREER. THE ACS CAREER NAVIGATOR (TM) ACHIEVED MORE THAN 8,500 SUBSTANTIAL INTERACTIONS WITH ACS MEMBERS AND POTENTIAL MEMBERS WORLDWIDE TO MEET THEIR PROFESSIONAL NEEDS.

SINCE THE LAUNCH OF THE PILOT PROGRAM IN MARCH 2016, 49 ACS INTERNATIONAL STUDENT CHAPTERS HAVE BEEN CHARTERED IN 23 COUNTRIES. IN 2017, SEVENTEEN CHAPTERS RECEIVED GRANTS FOR EVENTS AND NATIONAL MEETING TRAVEL.

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
---	--

ATTACHMENT 2 (CONT'D)

THE ACS GREEN CHEMISTRY INSTITUTE® SERVES AS A NEXUS, OR GREEN CHEMISTRY "HUB", BY CONNECTING AN INTERNATIONAL NETWORK OF PRACTITIONERS FROM AROUND THE WORLD, INCLUDING GOVERNMENT, INDUSTRIAL, ACADEMIC, NON-GOVERNMENTAL ORGANIZATIONS, AND PRIVATE SECTORS. THE ANNUAL GREEN CHEMISTRY & ENGINEERING CONFERENCE WAS HELD IN JUNE 2017 AND HAD 507 ATTENDEES. THE 2017 CONFERENCE FEATURED A TOTAL OF 264 ORAL PRESENTATIONS AND 81 POSTER PRESENTATIONS ACROSS 44 TECHNICAL SESSIONS.

ATTACHMENT 3

FORM 990, PART III - PROGRAM SERVICE, LINE 4C

ACS PETROLEUM RESEARCH FUND -

THE ACS PETROLEUM RESEARCH FUND IS A PERMANENTLY RESTRICTED ENDOWMENT ESTABLISHED TO PROVIDE RESOURCES FOR ADVANCED SCIENTIFIC EDUCATION AND FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD, WHICH MAY INCLUDE ANY FIELD OF PURE SCIENCE WHICH AFFORDS A BASIS FOR SUBSEQUENT RESEARCH DIRECTLY CONNECTED WITH THE PETROLEUM FIELD.

IN 2017, THE ACS PRF FUNDED 173 GRANTS, TOTALING \$17.075 MILLION. THE GRANTS INCLUDED 63 NEW DIRECTIONS GRANTS; 69 DOCTORAL NEW INVESTIGATOR GRANTS; 20 UNDERGRADUATE RESEARCH GRANTS; AND 21 UNDERGRADUATE NEW INVESTIGATOR GRANTS.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 3 (CONT'D)

THE FOLLOWING TYPES OF GRANTS ARE AMONG THOSE FUNDED BY THE ACS

PETROLEUM RESEARCH FUND:

- RESEARCH GRANTS FOR FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD AT PHD-GRANTING INSTITUTIONS. RESEARCH GRANTS TO ACADEMIC INSTITUTIONS FOR REGULARLY APPOINTED FACULTY SCIENTISTS AND ENGINEERS TO ASSIST ADVANCED SCIENTIFIC EDUCATION AND FUNDAMENTAL RESEARCH.

- RESEARCH GRANTS FOR FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD AT THE UNDERGRADUATE LEVEL. RESEARCH GRANTS TO ACADEMIC INSTITUTIONS ON BEHALF OF FACULTY MEMBERS IN DEPARTMENTS NOT OFFERING A DOCTORAL DEGREE, TO SUPPORT THEIR RESEARCH WITH PARTICIPATION BY UNDERGRADUATES.

- RESEARCH GRANTS FOR FUNDAMENTAL RESEARCH IN THE PETROLEUM FIELD FOR NEW FACULTY. STARTER GRANTS TO ASSIST THE RESEARCH OF YOUNG FACULTY MEMBERS WITH A PHD DEGREE WHO ARE WITHIN THEIR FIRST THREE YEARS OF THEIR FIRST ACADEMIC APPOINTMENT AS REGULAR FACULTY MEMBERS OF COLLEGES AND UNIVERSITIES IN THE UNITED STATES.

ATTACHMENT 4

FORM 990, PART VI, LINE 17 - STATES

AL, AR, CA, CT,

FL, GA, HI, IL, KS, KY, MD, MA, MI,

MN, MS, NH, NJ, NM, NY, NC, OR, PA,

RI, SC, TN, UT, VA, WV, WI,

Name of the organization AMERICAN CHEMICAL SOCIETY	Employer identification number 53-0196572
ATTACHMENT 5	

990, PART VII- COMPENSATION OF THE FIVE HIGHEST PAID IND. CONTRACTORS

NAME AND ADDRESS	DESCRIPTION OF SERVICES	COMPENSATION
PILLAR TECHNOLOGY 580 NORTH 4TH STREET, SUITE 190 COLUMBUS, OH 43215	IT CONTRACTING SVCS	7,469,164.
INFORMATION CONTROL CORP 2500 CORPORATE EXCHANGE DRIVE, SUITE 310 COLUMBUS, OH 43231	IT CONTRACTING SVCS	5,652,175.
JAICI 6-25-4 HONKOMAGOMA, BUNKYO-KU TOKYO JAPAN 113-0021	ABSTRACTING	5,431,553.
QUATRO GLOBAL SERVICES PVT LTD 267, UDYOG VIHAR, PHASE II GURGAON INDIA 122002	DATABASE SERVICES	5,091,693.
MOLECULAR CONNECTIONS PVT LTD #2/2 KARIAPPA ROAD BANGALORE INDIA 560004	ABSTRACTING SERVICES	5,038,428.

ATTACHMENT 6FORM 990, PART IX - OTHER FEES

DESCRIPTION	(A) TOTAL FEES	(B) PROGRAM SERVICE EXP.	(C) MANAGEMENT AND GENERAL	(D) FUNDRAISING EXPENSES
MARKETING FEES	48,480,651.	48,480,651.	0.	0.
CONSULTING FEES	32,277,079.	30,331,343.	1,896,759.	48,977.
EDITORIAL FEES	31,938,002.	31,933,642.	4,360.	0.
OTHER PROFESSIONAL FEES	4,015,970.	3,612,824.	397,409.	5,737.
TEMPORARY FEES	4,340,230.	1,074,256.	3,265,424.	550.
WRITERS FEES	538,645.	538,645.	0.	0.
SPEAKER FEES	484,851.	468,351.	16,500.	0.

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

ATTACHMENT 6 (CONT'D)FORM 990, PART IX - OTHER FEES

<u>DESCRIPTION</u>	(A) <u>TOTAL FEES</u>	(B) <u>PROGRAM SERVICE EXP.</u>	(C) <u>MANAGEMENT AND GENERAL</u>	(D) <u>FUNDRAISING EXPENSES</u>
HONORARIA	332,162.	330,662.	1,500.	0.
ADMINISTRATIVE FEES	144,034.	144,034.	0.	0.
TOTALS	<u>122,551,624.</u>	<u>116,914,408.</u>	<u>5,581,952.</u>	<u>55,264.</u>

**SCHEDULE R
(Form 990)**Department of the Treasury
Internal Revenue Service**Related Organizations and Unrelated Partnerships**▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.**▶ **Attach to Form 990.**▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

OMB No. 1545-0047

2017**Open to Public
Inspection**

Name of the organization

AMERICAN CHEMICAL SOCIETY

Employer identification number

53-0196572

Part I Identification of Disregarded Entities. Complete if the organization answered "Yes" on Form 990, Part IV, line 33.

(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					

Part II Identification of Related Tax-Exempt Organizations. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related tax-exempt organizations during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity?	
						Yes	No
(1)							
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							

For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule R (Form 990) 2017

JSA

7E1307 1.000

0006FE F48R 11/8/2018 9:03:11 AM V 17-7.2F

PAGE 90

Part III Identification of Related Organizations Taxable as a Partnership. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related organizations treated as a partnership during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income (related, unrelated, excluded from tax under sections 512 - 514)	(f) Share of total income	(g) Share of end-of- year assets	(h) Disproportionate allocations?		(i) Code V - UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
							Yes	No		Yes	No	
(1)												
(2)												
(3)												
(4)												
(5)												
(6)												
(7)												

Part IV Identification of Related Organizations Taxable as a Corporation or Trust. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related organizations treated as a corporation or trust during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership	(i) Section 512(b)(13) controlled entity?	
								Yes	No
(1) ACS INTERNATIONAL, LTD. 52-1916157 1155 16TH ST, NW WASHINGTON, DC 20036	MARKETING	DC	ACS	C CORP	13,759,990.	5,585,602.	100.0000	x	
(2) HAMPDEN DATA SERVICES, LTD 98-1040114 32A STONEY ST. NOTTINGHAM, UK NG1 1LL	SOFTWARE DVLP	UK	ACS	C CORP	1,471,667.	474,389.	100.0000	x	
(3) ACS GROUP LIFE INSURANCE TRUST 23-7093797 1155 16TH ST, NW WASHINGTON, DC 20036	INSURANCE	DC	ACS	GRANTOR TRUST	11,130,457.	46,190,534.	100.0000	x	
(4)									
(5)									
(6)									
(7)									

Part V Transactions With Related Organizations. Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.**Note:** Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule.

	Yes	No
1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?		
a Receipt of (i) interest, (ii) annuities, (iii) royalties, or (iv) rent from a controlled entity	1a	X
b Gift, grant, or capital contribution to related organization(s)	1b	X
c Gift, grant, or capital contribution from related organization(s)	1c	X
d Loans or loan guarantees to or for related organization(s)	1d	X
e Loans or loan guarantees by related organization(s)	1e	X
f Dividends from related organization(s)	1f	X
g Sale of assets to related organization(s)	1g	X
h Purchase of assets from related organization(s)	1h	X
i Exchange of assets with related organization(s)	1i	X
j Lease of facilities, equipment, or other assets to related organization(s)	1j	X
k Lease of facilities, equipment, or other assets from related organization(s)	1k	X
l Performance of services or membership or fundraising solicitations for related organization(s)	1l	X
m Performance of services or membership or fundraising solicitations by related organization(s)	1m	X
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n	X
o Sharing of paid employees with related organization(s)	1o	X
p Reimbursement paid to related organization(s) for expenses	1p	X
q Reimbursement paid by related organization(s) for expenses	1q	X
r Other transfer of cash or property to related organization(s)	1r	X
s Other transfer of cash or property from related organization(s)	1s	X
2 If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds.		

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) ACS INTERNATIONAL, LTD.	M	14,315,944.	FMV
(2) HAMPDEN DATA SERVICES, LTD.	M	1,408,528.	FMV
(3) HAMPDEN DATA SERVICES, LTD.	F	64,265.	FMV
(4) ACS GROUP LIFE INSURANCE TRUST	L	664,825.	FMV
(5) ACS GROUP LIFE INSURANCE TRUST	S	250,000.	FMV
(6)			

Part VI **Unrelated Organizations Taxable as a Partnership.** Complete if the organization answered "Yes" on Form 990, Part IV, line 37.

Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners section 501(c)(3) organizations?		(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations?		(i) Code V - UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner?		(k) Percentage ownership
				Yes	No			Yes	No		Yes	No	
(1)													
(2)													
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													

Part VII **Supplemental Information**

Provide additional information for responses to questions on Schedule R. See instructions.

PART IV, LINE 3:

ACS GROUP LIFE INSURANCE TRUST (EIN: 23-7093797) IS A WHOLLY-OWNED
GRANTOR TRUST AND, AS SUCH, IS NOT CONSIDERED A SEPARATE TAXABLE ENTITY.
ALL ACTIVITIES OF THE TRUST ARE CONSOLIDATED WITH THE TAX RETURNS OF THE
AMERICAN CHEMICAL SOCIETY FOR TAX PURPOSES.